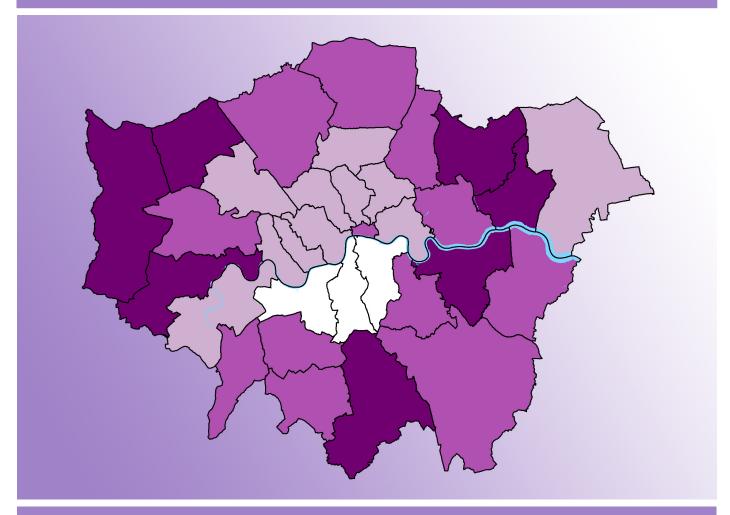
GREATER LONDON AUTHORITY

Data Management and Analysis Group

GLA 2008 Round Ethnic Group Population Projections



DMAG Briefing 2009-08

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GLA 2008 Round Ethnic Group Population Projections

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GLA Ethnic Group Population Projections

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Front Page

The map presented on the front page of this *Briefing* shows the change in the proportion of the Black, Asian and Minority Ethnic group population by London Borough between 2006 and 2031. The legend and map are reproduced in the Appendix.

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Executive Summary

- These projections have been demographically modelled based mainly on 2001 Census data, the most detailed source for information on ethnicity. Therefore modelled output incorporates demographic trends current as at 2001. Specifically all migration flow structures relate to moves between 2000 and 2001. More recent migration patterns will not be reflected in these projections, for example EU accession migration from Eastern Europe (A8). At present, while there are statistics relating to the estimated inflows of A8 persons to the UK, there are no official statistics on the number of these migrants moving to London, or on those remaining resident in the UK.
- Modelled output is for ten ethnic groups that are aggregations of the 16 ethnic categories from the 2001 Census. Categories had to be aggregated to diminish the impact of statistical disclosure control on borough level 2001 Census output for some smaller ethnic categories. As a result the three White categories were aggregated to one group. It should therefore be noted that this White group represents an ethnically diverse population and hence includes, amongst others, White Britons, Australians and Europeans such as the Irish and Poles.
- The resident population of London is projected to increase after 2006 by 1.34 million to 8.79 million by 2031, an increase of 18.0 per cent.
- Having declined from 5.22 million in 2001 to 5.01 million in 2008, the White population is projected to grow over the remainder of the projection period, surpassing the 2001 population by 2027 and reaching 5.30 million in 2031.
- All individual BAME (Black, Asian and Minority Ethnic) groups are projected to grow throughout the projection period. The BAME population will grow by 1.06 million between 2006 and 2031.
- Between 2006 and 2031 almost 79 per cent of the population increase is projected to be from BAME ethnic groups. This is mainly a consequence of the younger age structure of these populations. However, this disguises the significant migrant churn of all ethnic groups that takes place in the capital.
- Between 2006 and 2031 the largest percentage increases are projected to be in the Other, Chinese, Pakistani and Bangladeshi ethnic groups, which will increase by 79.7 per cent, 54.0 per cent, 51.4 per cent and 50.6 per cent respectively.
- Between 2006 and 2031 the Black Caribbean ethnic group is projected to increase by the smallest proportional amount of all individual BAME groups, 18.7 per cent.
- Three ethnic groups are projected to account for 42 per cent of the total population growth between 2006 and 2031. These ethnic groups are the residual Other ethnic group (15.1 per

¹ Details of 2001 Census analysis are available from the Data Management and Analysis Group at the Greater London Authority and at the following site: http://www.london.gov.uk/gla/publications/factsandfigures.jsp

cent) the Black African ethnic group (14.4 per cent), and the Indian ethnic group (12.9 per cent).

- By 2031 39.6 per cent of London's population is projected to be from a BAME group. This compares with 32.6 per cent in 2006 and 28.9 per cent in 2001. As a comparison in 1991 all ethnic groups other than White were estimated to form 20 per cent of London's population. It is clear that while there is a significant projected increase in London's BAME population between 2001 and 2031 the growth rate is not accelerating dramatically when viewed as a proportion of London's total population.
- By 2026 eight London boroughs are projected to have BAME populations that represent over 50 per cent of the total. Harrow, Redbridge, Ealing, Tower Hamlets, Hounslow, and Croydon will join Brent and Newham both of which had more than 50 per cent BAME populations in 2001.
- At all ages, with the exception of the 25-29 year old age band, the BAME population will increase its share as a proportion of the total London population. Fifty-three per cent of 15-19 year olds in 2031 are projected to be from a BAME group compared with 42 per cent in 2006.
- The BAME proportion of the 25-29 year old age band is projected to remain static through the projection period, with 30 per cent of this age band from a BAME group in 2031 as well as in 2006. This is a result of high in-migration within this age band into London from the rest of the UK and the rest of the world, both of which flows are predominantly White.
- By 2031 34.6 per cent of London's population aged over 60 is projected to be from a BAME group. In 2006 this was 18.1 per cent.
- Between 2006 and 2031 London's economically active aged population is projected to grow by 776 thousand, an increase of 15.7 per cent. Sixty-nine per cent of the growth will be attributable to the BAME population.
- The ethnic composition of London's economically active aged population will change between 2006 and 2031. In 2006 68.7 per cent were from the White group and conversely 31.3 per cent were from a BAME group. By 2031, the White group will represent 63.6 per cent of this age group and hence the BAME groups will increase to 36.4 per cent.
- About 69 per cent of London's average natural change between 2006 and 2031 is attributable to the BAME groups. This is due to the younger age structure of the BAME populations and mainly a function of relatively fewer deaths, only 24 per cent of the projected London total deaths being from BAME groups.
- Barking & Dagenham is projected to experience an increase in the proportion of its BAME population by 19.6 percentage points between 2006 and 2031. Six other London boroughs are projected to have increases in their BAME population of over 10 percentage points; Redbridge, Harrow, Croydon, Greenwich, Hillingdon and Hounslow.

Background

These ethnic group population projections update the 2007 Round as described in *DMAG Briefing 2008-03*. There are two variants available for the 2008 Round Ethnic Group Population Projections, Low and High. The GLA recommends using Low as the main projection since it takes into account changes in local housing developments in each London borough over the projection period. This Briefing reports only on the Low variant. The 2008 Round Low Ethnic Projections are constrained to the Low variant of the 2008 Round Demographic Projections. Output is available for each borough by aggregated ethnic group, gender and five-year age band. The projection period has been extended to 2031, and the outputs also include economically active age groups, 16-64(m)/59(f) (the current ONS definition) and 16-64 (the EU definition due to be adopted by ONS).

Between the 1991 Census and the 2001 Census the ethnic classification was extended from ten "groups" to sixteen "categories". However, a feasibility study conducted by the GLA Data Management and Analysis Group (DMAG) concluded that it would not be possible to produce a complete set of robust ethnic population projections for each of the 32 London boroughs and the City of London at the detail of 16 ethnic categories.

The application of statistical disclosure control (SDC) procedures by the Office for National Statistics (ONS) on 2001 Census output tables meant that cells containing a 'real' I or 2 were converted to either zero or 3. There is no way of distinguishing these cells from 'real' zeros and 3s. Therefore much of the detailed data required for migration modelling was difficult to properly utilise. To eliminate many of the resulting spurious cell values, ethnic categories needed to be combined. This was done when the data were specially commissioned from ONS. Therefore, the SDC applied to small-number cells had an impact on the input data required for modelling. This issue was particularly evident for arriving at differential migration age structures.

The size and composition of the four 'Mixed' ethnic categories proved to be a pivotal factor in the feasibility study. The size of these categories was deemed to be too small to produce robust population projections at the London borough level. This, combined with other data limitations that prevented demographers from accurately modelling the unique way in which the Mixed ethnic categories were mainly growing, ie by births to a mother in one ethnic category being ascribed to a different category, would prevent meaningful and robust output. Hence the 16 ethnic categories from the 2001 Census have been aggregated into ten ethnic groups as defined in Table 1. Population outputs from the modelling process are available for the aggregated groups only. In the context of the GLA ethnic group classification the term BAME (Black, Asian and Minority Ethnic) is used to represent all ethnic groups except the White group (aggregated from the three White Census categories, Table 1).

The methodology is consistent with that used in the previous round of ethnic group projections. Hence, these projections continue to incorporate improved fertility modelling as described in *DMAG Briefing 2005/21 Transgenerational Ethnicity*². A brief description is available in the Appendix of *DMAG Briefing 2007-14 GLA 2006 Round Ethnic Group Projections*.

² DMAG Briefing 2005/21 Transgenerational Ethnicity, Baljit Bains, John Hollis and Vicky Clarke

It should also be noted that these projections are based on 2001 Census data and hence the migration patterns are relevant to the year before Census Day in April 2001. As a result more recent migrant flows such as those resulting from the expansion of the European Union since 2004 are not reflected in the modelling methodology or the base data and therefore are not accounted for in the results. At the time of producing these projections data on migrants from new accession states had only been incorporated into the ONS mid-year estimates for 2005 to 2007 but are not specifically identified. Trends in the ONS mid-year estimates are incorporated into the borough level demographic projections that are used as constraints for the borough-level ethnic projections.

Table 1: GLA projection aggregated ethnic groups and how they relate to the 2001 Census categories

White/ BAME ¹	GLA Aggregated Ethnic Group (AEG) ²	ONS 2001 Census Ethnic Category				
		White: British				
White	White	White: Irish				
		White: Other White				
	Black Caribbean	Black or Black British: Caribbean				
	Black African	Black or Black British: African				
		Black or Black British: Other Black				
	Black Other	Mixed: White & Black Caribbean				
		Mixed: White & Black African				
	Indian	Asian or Asian British: Indian				
BAME ¹	Pakistani	Asian or Asian British: Pakistani				
	Bangladeshi	Asian or Asian British: Bangladeshi				
	Chinese	Chinese or Other: Chinese				
	Other Asian	Mixed: White & Asian				
	Other Asian	Asian or Asian British: Other Asian				
	Other	Mixed: Other Mixed				
	Outer	Chinese or Other: Other				

¹ Black, Asian and Minority Ethnic (all groups except the three White 2001 Census Ethnic Categories)

² approximate to the ten Ethnic Groups used in the 1991 Census, using best fit comparison described in DMAG Briefing 2003/9, 2001 Census Key Statistics: Ethnicity, religion and country of birth

Greater London: An overview of results

Total Change: Projected population change by ethnic group

The population of Greater London is projected to increase by 18.0 per cent between 2006 and 2031, an addition of 1.34 million people. All ethnic group populations are projected to grow between 2006 and 2031. Table 2 shows the total projected population by ethnic group over the projection period. In terms of the proportional increases, the White group is projected to increase by 5.6 per cent or 282 thousand persons over the 25 year period, and the BAME groups as a whole are projected to increase by 43.6 per cent or over a million people. There is considerable variation in the extent to which the individual BAME groups are projected to increase. For example, the Black Caribbean group is projected to show the smallest proportional increase of the BAME groups, only 18.7 per cent between 2006 and 2031. In comparison the residual Other group is projected to increase by 79.7 per cent over the same period, the largest proportional increase of all the ethnic groups. Corresponding increases for the Chinese, Pakistani and Bangladeshi groups are 54.0 per cent, 51.4 per cent and 50.6 per cent respectively.

Table 2 also shows the distribution of the increase in the total population between 2006 and 2031. The 282 thousand increase in the White population accounts for 21 per cent of the total increase. However, the distribution of the total increase varies across the individual BAME groups. For example the largest BAME proportion of the growth is projected to be for the residual Other group. This group is expected to increase by almost 202 thousand people and accounts for 15.1 per cent of the total population increase of London. The Black African group forms 14.4 per cent of the total increase, the second largest BAME share, and the Indian group 12.9 per cent of the total increase.

Table 3 shows how each ethnic group changes in terms of its population as a proportion of the total population of London. By 2031, 39.6 per cent of Londoners are projected to be from an ethnic group other than White, an increase from 32.6 per cent in 2006 and 28.9 per cent in 2001. Conversely 67.4 per cent of all Londoners in 2006 were from the White ethnic group. By 2031 this proportion is projected to decline by 7 percentage points to 60.4 per cent. The White group is the only ethnic group that is projected to decline with regards to its proportion of the total population. Hence all other ethnic groups are projected to increase, with the largest increases in the residual Other group (1.78 percentage points), the Black African group (1.28 percentage points) and the Indian group (0.97 percentage points).

Chart 1 represents graphically these proportional changes for all ethnic groups other than White.

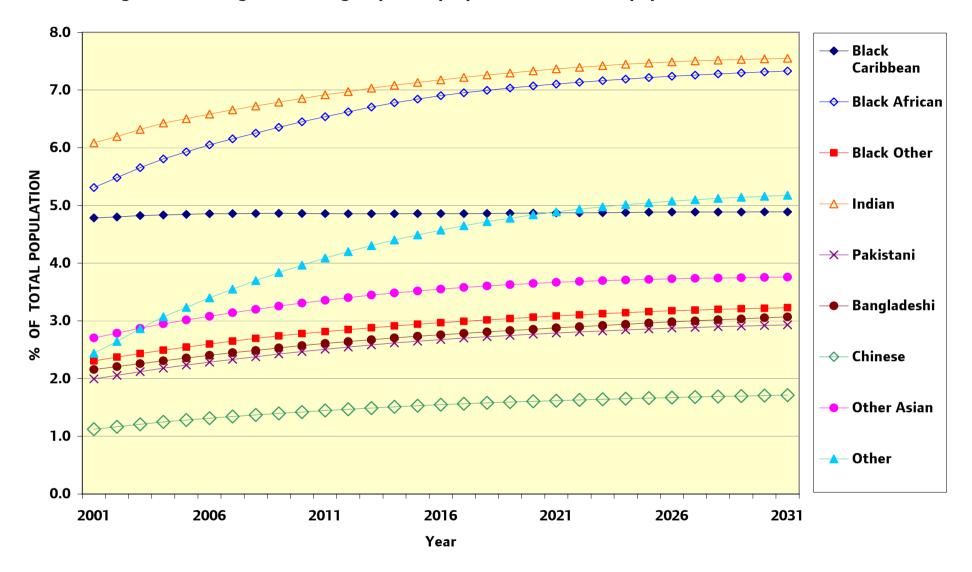
Table 2: Total Population, All Projected Ethnic Groups, 2001-2031

	2001	2006	2011	2016	2021	2026	2031	2006-31	2006-31	2006-31
									%	% of
								Change	Change	Change
Total Population	7,336,900	7,448,800	7,797,700	8,156,800	8,373,000	8,540,000	8,788,700	1,339,900	17.99	100.00
White	5,216,100	5,022,700	5,057,800	5,138,100	5,168,500	5,199,200	5,304,800	282,100	5.62	21.06
Black Caribbean	351,000	361,800	378,900	396,300	407,900	417,200	429,600	67,800	18.73	5.06
Black African	389,700	450,700	509,800	563,000	594,900	618,100	644,100	193,400	42.91	14.43
Black Other	169,200	193,600	219,400	242,100	258,300	271,100	283,700	90,000	46.49	6.72
Indian	446,600	490,300	539,400	585,300	616,800	639,700	663,600	173,300	35.34	12.93
Pakistani	146,400	170,100	195,600	218,200	233,700	245,400	257,500	87,400	51.41	6.53
Bangladeshi	158,200	179,200	203,400	225,000	241,100	254,800	269,700	90,600	50.56	6.76
Other Asian	198,400	229,400	261,800	289,600	307,100	318,400	330,200	100,800	43.95	7.52
Chinese	82,400	97,800	112,800	126,200	135,500	142,700	150,600	52,800	53.96	3.94
Other	178,900	253,100	318,800	373,000	409,400	433,300	454,800	201,700	79.68	15.05
BAME	2,120,800	2,426,100	2,739,800	3,018,700	3,204,500	3,340,800	3,483,900	1,057,800	43.60	78.94

Table 3: Ethnic group populations as proportions of total population, 2001-2031

Total Population (%)	2001	2006	2011	2016	2021	2026	2031	2006-31 Change
White	71.09	67.43	64.86	62.99	61.73	60.88	60.36	-7.07
Black Caribbean	4.78	4.86	4.86	4.86	4.87	4.88	4.89	0.03
Black African	5.31	6.05	6.54	6.90	7.10	7.24	7.33	1.28
Black Other	2.31	2.60	2.81	2.97	3.09	3.17	3.23	0.63
Indian	6.09	6.58	6.92	7.18	7.37	7.49	7.55	0.97
Pakistani	2.00	2.28	2.51	2.68	2.79	2.87	2.93	0.65
Bangladeshi	2.16	2.41	2.61	2.76	2.88	2.98	3.07	0.66
Other Asian	2.70	3.08	3.36	3.55	3.67	3.73	3.76	0.68
Chinese	1.12	1.31	1.45	1.55	1.62	1.67	1.71	0.40
Other	2.44	3.40	4.09	4.57	4.89	5.07	5.18	1.78
BAME	28.91	32.57	35.14	37.01	38.27	39.12	39.64	7.07

Chart 1: Change in Percentage of ethnic groups as a proportion of the total population

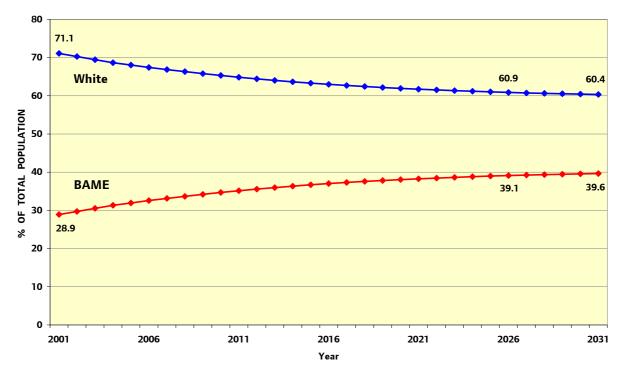


Ethnic Majority: A borough analysis

In 2001 28.9 per cent of London's total population was from an ethnic group other than White. Two London Boroughs had BAME populations that comprised more than 50 per cent of their total population; namely Brent and Newham.

By 2031 39.6 per cent of London's population is projected to be from an ethnic group other than White. Chart 2 below shows that London is not projected to have a BAME majority population in the lifetime of these projections. The nature of the curve suggests that this will not occur in the medium term beyond 2031 given the continuation of the initial migration conditions based on 2000-01.

Chart 2: Changes in the proportion of White and BAME populations in London, 2001 to 2031



However, results from these projections show that by 2026 eight London boroughs will have BAME populations that make up over 50 per cent of the borough total population. Between 2026 and 2031 no additional boroughs will reach a majority BAME population. This is shown in Chart 3.

Chart 3 shows the timeline of those London boroughs that will have a majority BAME population by 2031. In addition the chart plots (along the vertical axis) the percentage of the BAME population as a proportion of the total in 2031. For example, Newham had a BAME majority in 2001 (60.7 per cent), hence the placement of the marker at 2001, but by 2031 this is projected to increase to 74.7 per cent, which is shown along the vertical axis. The horizontal axis plots the year in which the borough BAME population is projected to reach 50 per cent.

Harrow is projected to catch up with its neighbouring borough, Brent, over the projection period. In 2001 Brent was one of the two boroughs with a BAME majority (54.7 per cent) however by 2031 this majority is expected to increase to 61.4 per cent. Harrow is projected to have a 63.7 per cent BAME majority in 2031, having reached 50 per cent in 2007, however in 2001 the BAME population represented only 41.3 per cent of all residents in Harrow.

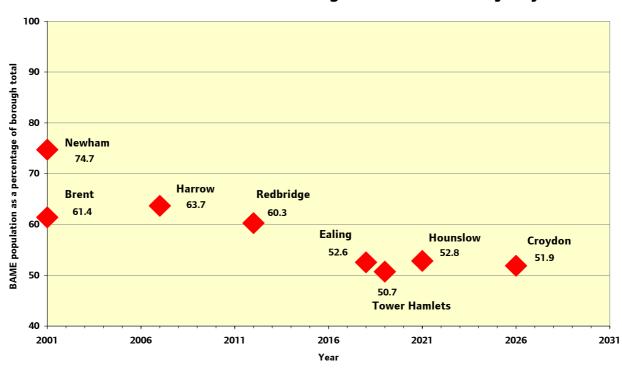


Chart 3: Timeline of those London Boroughs with a BAME majority

Seven boroughs are projected to see the proportion of their BAME population increasing by more than 10 percentage points between 2006 and 2031. Barking and Dagenham will see its projected BAME proportion increase by 19.6 percentage points, Redbridge by 15.6 percentage points, Croydon by 15.0 percentage points, Harrow by 14.7 percentage points, Greenwich by 13.7 percentage points, Hillingdon by 12.9 percentage points and Hounslow by 12.3 percentage points. Four of these boroughs are shown in Chart 3 as having BAME majority populations by 2031.

Map 1 in the Appendix shows the percentage change in the proportion of BAME residents between 2006 and 2031 for each London borough.

More detailed data giving projected ethnic populations for each borough in 2001, 2006, 2011, 2016, 2021, 2026 and 2031 are presented in Appendix Tables 1 to 7.

Changes in Age Structure

Chart 4 shows the projected changes in the age structure of the BAME population. Specifically the chart plots the size that each five-year age band represents as a proportion of the total London population of that particular age band.

The age structure of London's BAME population is expected to change through the projection period in both absolute and proportional terms. In most five-year age bands the BAME proportion of the population will see an increase. For example, in 2006 the 15-19 year old BAME population represented 42.0 per cent of all Londoners aged 15-19. By 2031 this is projected to increase to 52.8 per cent. However, in the 25-29, 30-34 and 35-39 age bands any change in the BAME proportion will be marginal.

The percentage increases for each five-year age band are shown in Chart 5. The largest increases are in older age bands: 75-79 (18.5 per cent) and 60-64 (17.4 per cent). Hence there is an ageing effect evident within the BAME population in the span of these projections. By 2031 BAME groups will comprise 34.6 per cent of the population aged 60 and over. In comparison, in 2006 only 18.1 per cent of those aged over 60 in London were from an ethnic group other than White. The total over 60s population is projected to increase by 390,700 over the period 2006 to 2031. 83.4 per cent of that increase (325,700 people) is attributable to the ageing of the BAME population, and 16.6 per cent (65,100 people) to the ageing of the White population.

This ageing effect is evident both in the more senior ages, ie 75 plus, as well as age bands nearing retirement age (55-64). In 2006 the BAME population aged 60-64 years represented 21.5 per cent of the total population in that age band. By 2031 this will have increased to 38.9 per cent. This increase is as a direct result of larger cohorts aged 35-39 in 2006 moving through the ages to 60-64 in 2031.

Of the three BAME age bands that change little in terms of their proportional size, the 25-29 age band is projected to remain consistent over the projection period at around 29 to 30 per cent, the 30-34 age band will remain at around 31 to 32 per cent, and the 35-39 age band will remain at around 34 to 35 per cent. However the stability in these figures disguises the significant migrant churn, particularly within the 25-29 age band. Migration to the capital of individuals aged 25-29 is heavily dominated by White migrants, not only from other parts of the UK but also from other parts of the world such as the USA, Europe, Australia and the rest of the Old Commonwealth. High inmigration in these age bands coupled with the young age structure of the BAME population ensures that London's population structure remains younger than the national population.

Chart 4: Changes in the age structure of the BAME population, Greater London

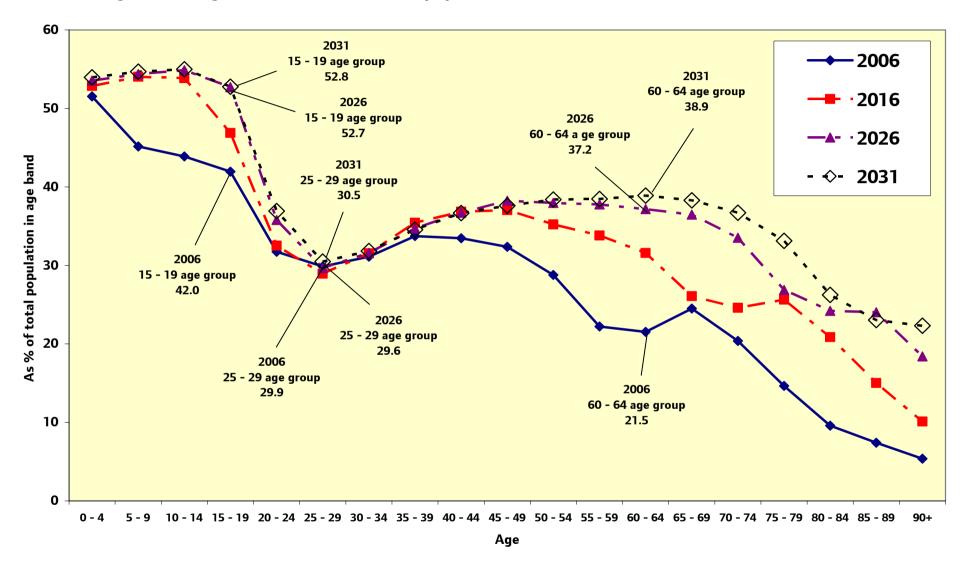
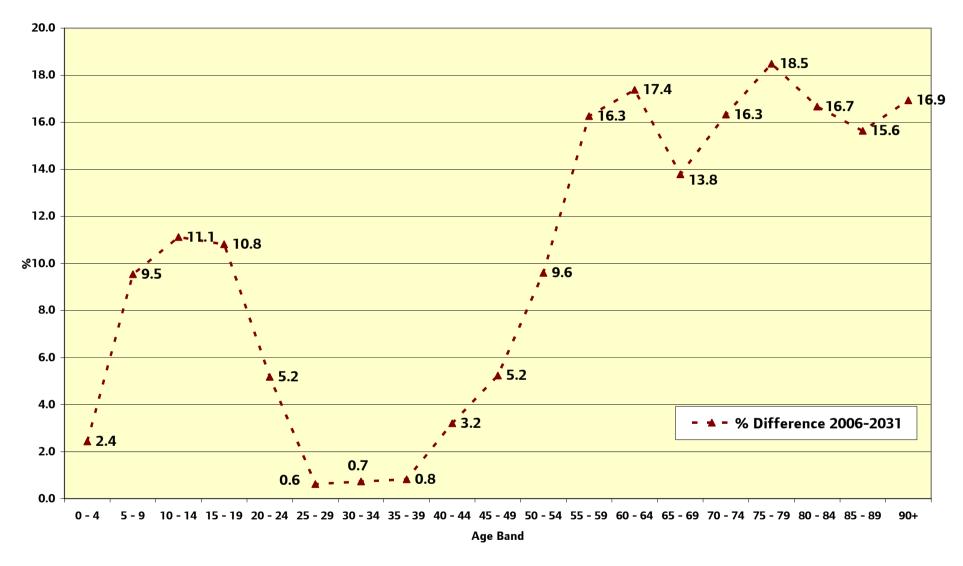


Chart 5: Percentage point changes in the BAME population of each age group, 2006 to 2031 Greater London



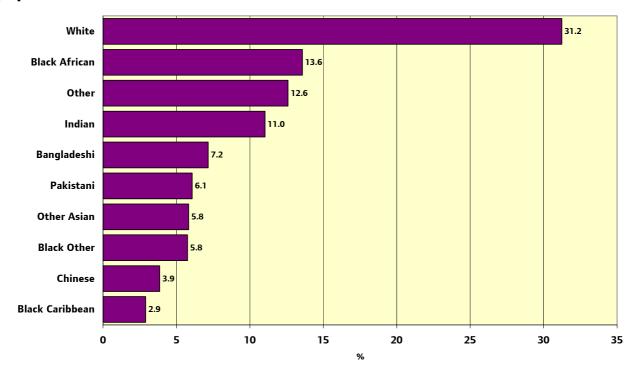
Economically Active Ages

The ethnic breakdown of London's economically active population (population aged 16 to retirement age³) in 2006 and in 2031 is shown in Table 4, together with a breakdown of the change over the period. The total population in the economically active ages is projected to grow by 776 thousand between 2006 and 2031, an increase of 15.7 per cent. Chart 6 shows the percentage distribution of this increase by ethnic group.

Table 4: Change in the economically active population (2006-2031)

	2006	2006 %	2031	2031 %	2006-31 Change	2006-31 % Change	2006-31 % of Change
Total Population	4,953,800	100.0	5,729,500	100.0	775,700	15.7	100.0
White	3,402,300	68.7	3,644,600	63.6	242,300	7.1	31.2
Black Caribbean	233,800	4.7	256,300	4.5	22,500	9.6	2.9
Black African	286,500	5.8	391,800	6.8	105,300	36.8	13.6
Black Other	95,000	1.9	139,600	2.4	44,600	47.0	5.8
Indian	343,000	6.9	428,600	7.5	85,500	24.9	11.0
Pakistani	107,100	2.2	154,100	2.7	47,100	44.0	6.1
Bangladeshi	102,200	2.1	157,700	2.8	55,500	54.3	7.2
Chinese	76,900	1.6	106,900	1.9	29,900	38.9	3.9
Other Asian	144,000	2.9	189,200	3.3	45,200	31.4	5.8
Other	163,100	3.3	260,800	4.6	97,700	59.9	12.6
BAME	1,551,500	31.3	2,085,000	36.4	533,500	34.4	68.8

Chart 6: Ethnic distribution of the increase in the economically active population (2006-2031)



³ Retirement age is defined as age 60 for women and age 65 for men.

All ethnic group populations are projected to increase with regards to the size of their economically active ages. The White group will increase by 242 thousand people and the BAME groups as a whole will increase by 534 thousand people. Of the individual BAME groups the largest increases will be 105 thousand people for the Black African group, 98 thousand for the residual Other group, and 86 thousand for the Indian group. In proportional terms, ethnic increases range from 59.9 per cent in the Other group to 7.1 per cent for the White group. The BAME groups as a whole are projected to increase by 34.4 per cent.

The BAME population will account for 68.8 per cent of the increase in the population of economically active ages. The White population will account for 31.2 per cent of the total increase in the economically active ages, comprising the largest individual ethnic group proportion of the total increase. Of the individual BAME groups the largest proportions of the total increase are projected in the Black African group (13.6 per cent), the Other group (12.6 per cent) and the Indian group (11.0 per cent. The Black Caribbean population of economically active ages is projected to show the smallest proportion of the total increase (2.9 per cent).

In 2006 68.7 per cent of London's economically active aged population was from the White ethnic group and conversely 31.3 per cent was from a BAME group. By 2031, the White ethnic group will represent 63.6 per cent of the total economically active population in London and hence the proportion of this population that is from a BAME group will increase to 36.4 per cent.

The population age structure of each ethnic group plays an important role in the projected population change. In particular the younger age structure of the Black, Asian and minority ethnic population is the primary reason why almost 69 per cent of the increase in the economically active age group is from ethnic groups other than White. Those ethnic group populations that have relatively large cohorts of people of reproductive age will expect to experience increases through high birth numbers. The result is that these ethnic groups see rejuvenation in their populations over the projection period. However the age structure of the White population differs from most ethnic group populations because it has proportionally fewer young people and relatively larger cohorts of older people. The population pyramids below show these changing age structures.

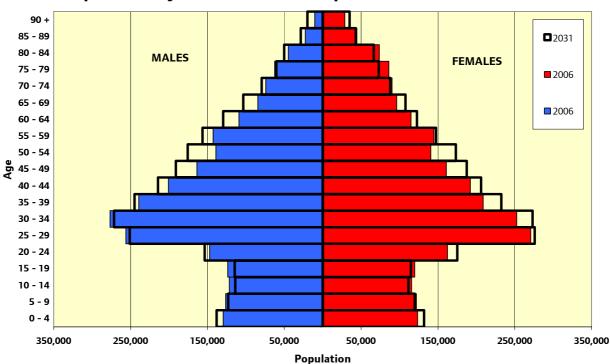


Chart 7: Population Pyramids: White Group

The White group age structure changes relatively little between 2006 and 2031 as shown in Chart 7. There is a slight increase in the youngest age groups (0-4) but most 5 to 29 age groups show small declines or are unchanged by 2031. This is partly a result of smaller cohorts replacing larger cohorts through the projections. Larger cohorts then move to older ages, from 30 to 69. These variations are as a result of cohort ageing effects and the migrant age profile. As small cohorts in 2006 age they represent correspondingly smaller cohorts 25 years later. The opposite is apparent where cohorts are larger; those aged 20-34 in 2006 from the White ethnic groups will be aged 45-59 in 2031 and replace the 45-59 year olds of 2006, a comparatively smaller cohort

The Black African population has proportionally much larger cohorts of people of ages under 50 compared with the White ethnic group. Eighty-nine percent of the Black African population was below the age of 50 in 2006. The equivalent figure for the White ethnic group was 70 per cent. The population pyramid in Chart 8 shows the effect of a young population as it changes through the projection period. By 2031 larger cohorts of young people are in the reproductive age groups compared with 2006. Consequently when these age groups have children this results in a rejuvenated population that maintains its young age structure.

90 + 85 - 89 **2**031 80 - 84 **MALES FEMALES** 75 - 79 **2006** 70 - 74 65 - 69 **2006** 60 - 64 55 - 59 50 - 54 **6** 45 - 49 35 - 39 30 - 34 25 - 29 20 - 24 15 - 19 10 - 14 5 - 9 0 - 4 35,000 25,000 15,000 5,000 5,000 15,000 25,000 35,000

Population

Chart 8: Population Pyramids: Black African Group

Components of Population Change

All populations change over time with regards to fertility, survival and migration patterns. The demographic modelling methodology is described in more detail in Appendix 2 of *DMAG Briefing 2006/22 GLA 2005 Round Interim Ethnic Group Population Projections* that outlined ethnic group population projections. Since the production of those projections, the fertility methodology was improved to incorporate work on how ethnicity varied between the mother and her child⁴.

Chart 9 shows the components of natural change as they relate to the White ethnic group and the Black, Asian and minority ethnic groups. The figures presented are based on aggregation of each component over the period from 2006 to 2031.

For example, natural change, the excess of births over deaths, plays a crucial part in the changing size and composition of populations over time. Natural change is highly dependent on the existing size and age composition of the population. London's population is projected to increase by 1.34 million between 2006 and 2031 and natural change is the main driver, being a net increase of 1.93 million persons whereas there is projected to be a net migration loss of 0.59 million.

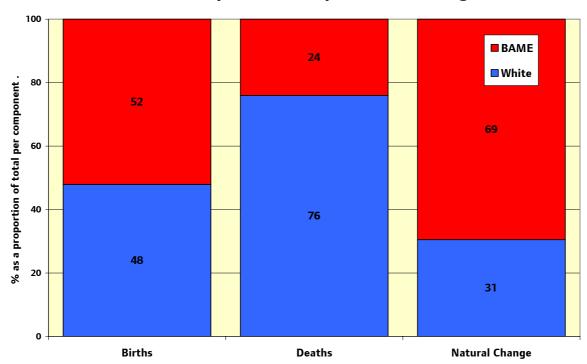


Chart 9: Distribution of Population Components of Change, 2006 to 2031

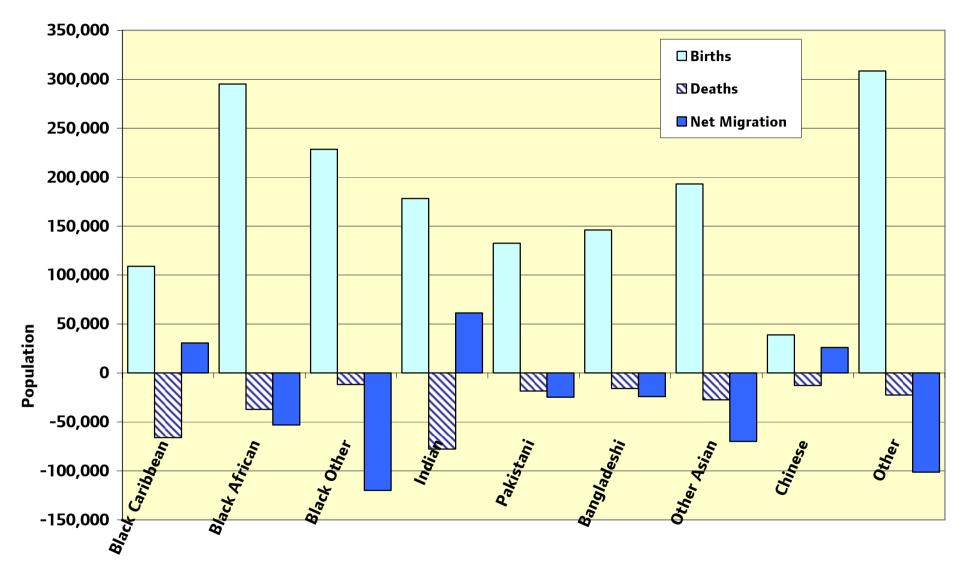
Chart 9 shows that 48 per cent of all births over the period 2006 to 2031 will be attributable to the White group with the remaining 52 per cent as BAME births. A large majority of the deaths will be in the White population with only 24 per cent of deaths being from BAME groups. These differences are as a result of the different age structures of the BAME and White populations as the projection methodology assumes no differences in mortality between ethnic groups. As a result, the younger

⁴ DMAG Briefing 2005-21 Transgenerational Ethnicity, Baljit Bains, John Hollis and Vicky Clarke

BAME population will account for 69 per cent of the natural change in London and the White ethnic group for only 31 per cent.

Chart 10 shows the extent to which each component of population change contributes to the change in the size of each ethnic group. Births are relatively higher amongst those ethnic groups that have a young population age structure where a higher proportion of the population is within reproductively active age groups. For example Black African, Black Other and Other groups all have higher numbers of births. Deaths are higher amongst ethnic groups with higher proportions of older people in their populations, for example the Black Caribbean and Indian groups. Those BAME groups with younger populations will have significant natural growth. Natural change for the White group is projected as a net increase of 589 thousand between 2006 and 2031. Natural change for the Other, Black African and Black Other groups are projected as net increases of 286 thousand, 258 thousand and 217 thousand respectively. For other ethnic groups, natural change is comparatively smaller and it is these groups that are showing signs of an ageing population, namely the Black Caribbean and Indian populations. These are also two ethnic groups that have been the longest established migrant communities in the UK and as a result have more individuals approaching retirement age compared with more recently migrated BAME groups.

Chart 10: Aggregated Components of Change, 2006 to 2031, BAME groups only



Comparison: 2008 Round Low and 2007 Round PLP Low

Table 5 shows the differences in output for every fifth projection year and each ethnic group between the 2008 Round Low and the 2007 Round PLP Low. Values shown are 2007 Round subtracted from the 2008 Round. For example in the 2007 Round of projections, the projected total population of London in 2031 is 8,510,900. In the 2008 Round the equivalent figure is 8,788,700. Hence the difference is shown as 277,800.

Table 5

2008 Round Ethnic Group Population Projections Low													
	2001	2006	2011	2016	2021	2026	2031	2006-31	2006-31	2006-31			
									%	% of			
								Change	Change	Change			
Total	7,336,900	7,448,800	7,797,700	8,156,800	8,373,000	8,540,000	8,788,700	1,339,900	18.0	100.0			
White	5,216,100	5,022,700	5,057,800	5,138,100	5,168,500	5,199,200	5,304,800	282,100	5.6	21.1			
Black Caribbean	351,000	361,800	378,900	396,300	407,900	417,200	429,600	67,800	18.7	5.1			
Black African	389,700	450,700	509,800	563,000	594,900	618,100	644,100	193,400	42.9	14.4			
Black Other	169,200	193,600	219,400	242,100	258,300	271,100	283,700	90,000	46.5	6.7			
Indian	446,600	490,300	539,400	585,300	616,800	639,700	663,600	173,300	35.3	12.9			
Pakistani	146,400	170,100	195,600	218,200	233,700	245,400	257,500	87,400	51.4	6.5			
Bangladeshi	158,200	170,100	203,400	215,200	241,100	254,800	269,700	90,600	50.6	6.8			
Other Asian	198,400	229,400	261,800	289,600	307,100	318,400	330,200	100,800	43.9	7.5			
Chinese	82,400	97,800	112,800	126,200	135,500	142,700	150,600	52,800	54.0	3.9			
Other	178,900	253,100	318,800	373,000	409,400	433,300	454,800	201,700	79.7	15.1			
Other	170,300	233,100	310,000	373,000	403,400	455,500	434,000	201,700	73.7	13.1			
BAME	2,120,800	2,426,100	2,739,800	3,018,700	3,204,500	3,340,800	3,483,900	1,057,800	43.6	78.9			
2007 Round Ethnic Group Population Projections PLP Low													
	2001	2006	2011	2016	2021	2026	2031	2006-31	2006-31	2006-31			
									%	% of			
								Change	Change	Change			
Total	7,336,900	7,461,400	7,749,200	7,962,800	8,123,600	8,265,200	8,510,900	1,049,500	14.1	100.0			
White	5,216,100	5,036,200	5,028,300	5,016,700	5,013,600	5,031,400	5,136,100	99,900	2.0	9.5			
Black Caribbean	351,000	362,000	376,000	386,900	395,600	403,600	415,700	53,700	14.8	5.1			
Black African	389,700	449,900	506,600	547,600	576,800	598,800	625,800	175,900	39.1	16.8			
Black Other	169,200	192,900	215,500	232,500	245,500	255,700	267,000	74,200	38.5	7.1			
Indian	446,600	491,100	536,700	573,300	600,500	621,500	645,500	154,400	31.4	14.7			
Pakistani	146,400	170,100	195,100	214,300	228,100	238,400	249,500	79,400	46.7	7.6			
Bangladeshi	158,200	178,500	201,600	220,700	235,600	248,200	261,900	83,400	46.7	7.9			
Other Asian	198,400	229,500	259,100	280,600	294,900	304,700	316,300	86,800	37.8	8.3			
Chinese	82,400	98,100	113,700	126,100	135,600	143,100	151,500	53,300	54.4	5.1			
Other	178,900	253,100	316,400	364,200	397,500	419,800	441,700	188,500	74.5	18.0			
ВАМЕ	2,120,800	2,425,200	2,720,900	2,946,100	3,110,100	3,233,800	3,374,900	949,700	39.2	90.5			
Difference*	2001	2006	2011	2016	2021	2026	2031	Change					
Total	0	-12,600	48,500	194,000	249,300	274,800	277,800	290,400					
White	0	-13,500	29,600	121,500	154,900	167,800	168,700	182,300					
Black Caribbean	0	-200	2,800	9,500	12,300	13,600	13,900	14,100					
Black African	0	800	3,100	15,300	18,100	19,300	18,300	17,500					
Black Other	0	800	3,900	9,600	12,800	15,400	16,700	15,900					
Indian	0	-700	2,700	12,000	16,300	18,200	18,100	18,800					
Pakistani	0	0	500	3,900	5,600	7,000	8,100	8,000					
Bangladeshi	0	600	1,800	4,400	5,500	6,600	7,800	7,200					
Other Asian	0	-100	2,700	9,000	12,100	13,700	13,900	14,000					
Chinese	0	-300	-900	100	-100	-400	-900	-600					
Other	0	0	2,300	8,800	11,900	13,500	13,200	13,200					
BAME	0	900	18,900	72,600	94,500	107,000	109,000	108,100					

^{*} Figures may not add due to rounding

Differences in output between the 2008 Round and 2007 Round projections are predominately due to the different constraints that were used for each variant projection in the appropriate round of demographic projections before being converted to ethnic group population projections.

In terms of actual numbers, the main difference between the 2008 Round Low and the 2007 Round PLP Low projections is that the 2008 Round overall London population is progressively higher from about 2010 onwards. Between 2001 and 2009 the overall London population for both rounds is similar. The main reasons for the difference are increased planned borough housing developments and, to a lesser extent, upgraded fertility rates reflecting higher numbers of actual births in 2007, that were updated in the 2008 Round Low main demographic projections. The updated inputs in the 2008 Round main demographic projections are described in more detail in *DMAG Briefing 2009-02 GLA 2008 Round Demographic Projections*⁵.

This feature feeds through in a broadly similar manner for each ethnic group except for the Chinese, where there are only minimal differences in populations between the 2008 and 2007 Rounds throughout the projection period. There is also an additional aspect regarding the White group. The initial fall in the White population between 2001 and 2008, projected by both Rounds, is projected by the 2008 Round to recover from 2009 onwards and exceed the 2001 population by 2027, whereas the 2007 Round was projected to stay flat after 2008 and only recover after 2026 but not exceed the 2001 population before 2031. These differences between the 2008 and 2007 Rounds for each ethnic group are shown in Charts 11 to 22.

The 2001 base populations used in the 2008 Round were the same as those used in the 2007 Round. In the 2007 Round projections adjustments were made to the 2001 base populations. Analysis of trends in the ONS mid-year estimate populations through the 1990s to 2006 showed that for 2001 the relationship between estimates of 0-4 years old and the appropriate births were out of synchronisation with previous years (1996 to 2000) and subsequent years (2002 to 2006) in most boroughs. Therefore the borough average births to population trends of 1996 to 2000 were used to re-estimate the single year populations in 2001 for males and females aged zero to four. These adjustments were made with no ethnic breakdown for the main demographic projections, and then for each ethnic group for the ethnic projections. The adjusted 2001 ethnic base populations were unchanged for the 2008 Round (hence the differences for 2001 in Table 5 being shown as zero overall and for each ethnic group).

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⁵ <u>DMAG Briefing 2009-02 GLA 2008 Round Demographic Projections, John Hollis and Jessica Chamberlain</u>

Chart 11: R2008 Low v R2007 PLP Low: All Ethnicities

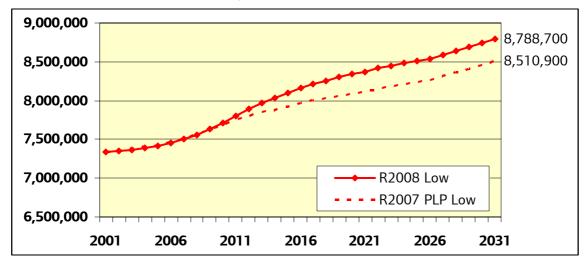


Chart 12: R2008 Low v R2007 PLP Low: White

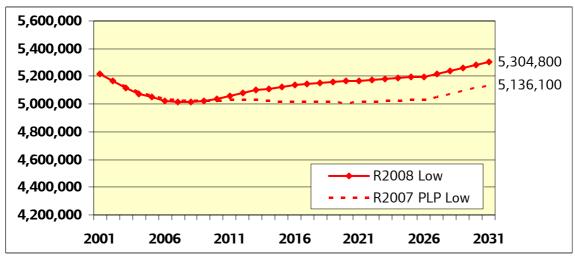


Chart 13: R2008 Low v R2007 PLP Low: BAME

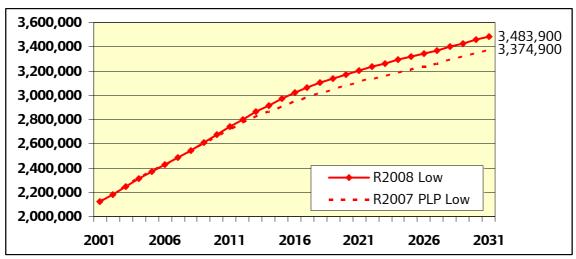


Chart 14: R2008 Low v R2007 PLP Low: Black Caribbean

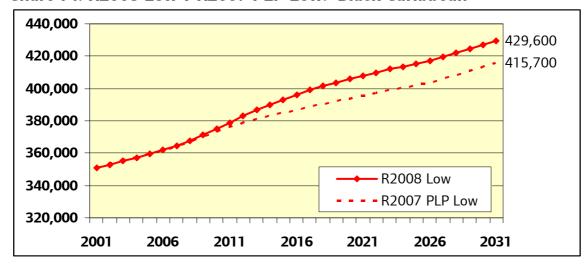


Chart 15: R2008 Low v R2007 PLP Low: Black African

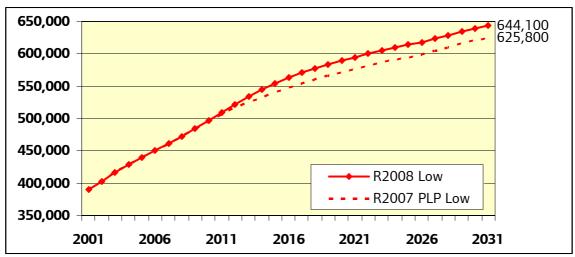


Chart 16: R2008 Low v R2007 PLP Low: Black Other

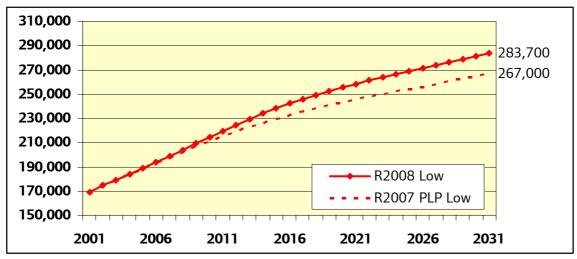


Chart 17: R2008 Low v R2007 PLP Low: Indian

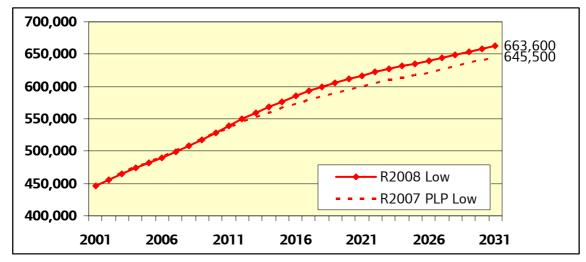


Chart 18: R2008 Low v R2007 PLP Low: Pakistani

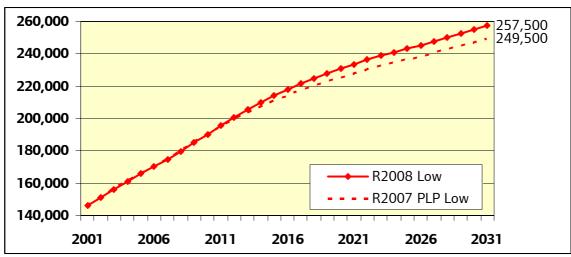


Chart 19: R2008 Low v R2007 PLP Low: Bangladeshi

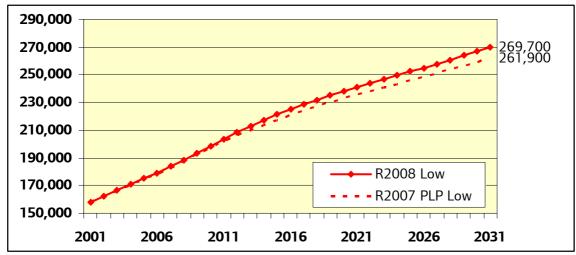


Chart 20: R2008 Low v R2007 PLP Low: Other Asian

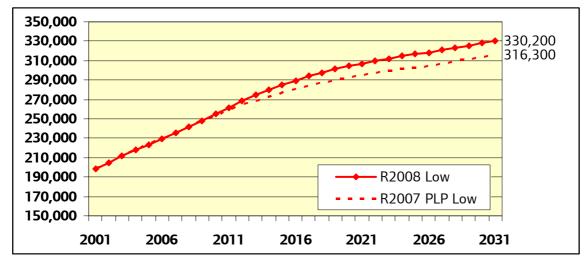


Chart 21: R2008 Low v R2007 PLP Low: Chinese

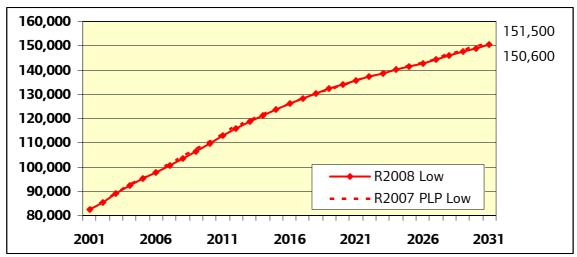
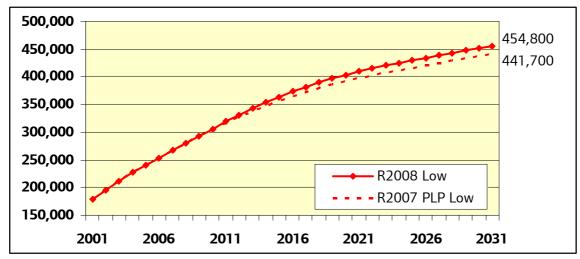


Chart 22: R2008 Low v R2007 PLP Low: Other



Future Developments

The ethnic group population projection model is constantly being improved and further developed. Development work in 2009 will be focused on the disaggregation of the population projections for the White ethnic group into its constituent parts; White British, White Irish and White Other. These will be for Greater London only.

Other developments include resident labour force projections and household projections by ethnic group of the household representative. In the first instance these projections will only relate to Greater London as a whole.

Availability of Output

Data from the 2008 Round Low ethnic group population projections are available on the Demography Extranet. The Excel tables show populations by gender, five-year age bands and economically active age bands (both the current ONS definition 16-64(m)/59(f) and the EU definition 16-64 due to be adopted by ONS) for the ten GLA aggregated ethnic groups. Output is available for each projection year between 2001 and 2031 and for all boroughs, Inner London, Outer London and Greater London.

Variant High projections in the same format are available on request.

Data presented in this *Briefing* can be made available in other formats on request.

For data requests please contact Demography at the Greater London Authority: <u>Demography@london.gov.uk</u>

Appendix

2008 Round Low: Additional Tables and Map

Table 1	GLA Ethnic Group Population Projections, London Boroughs, 2001
Table 2	GLA Ethnic Group Population Projections, London Boroughs, 2006
Table 3	GLA Ethnic Group Population Projections, London Boroughs, 2011
Table 4	GLA Ethnic Group Population Projections, London Boroughs, 2016
Table 5	GLA Ethnic Group Population Projections, London Boroughs, 2021
Table 6	GLA Ethnic Group Population Projections, London Boroughs, 2026
Table 7	GLA Ethnic Group Population Projections, London Boroughs, 2031
Map 1	Percentage Change in the proportion of BAME residents by London Borough, 2006-2031

Appendix Table 1: GLA Ethnic Group Population Projections, London Boroughs, 2001

	Total	White	Black Caribbean	Black African	Black Other	Indian	Pakistani	Bangladeshi	Other Asian	Chinese	Other	ВАМЕ	% BAME
Camden	202,800	148,500	3,700	12,000	3,900	4,700	1,300	12,800	4,200	3,600	8,000	54,300	26.8
City of London	7,300	6,200	0	100	0	200	0	300	100	200	200	1,100	15.0
Hackney	207,800	123,700	21,300	24,900	9,700	7,800	2,200	6,100	3,300	2,400	6,500	84,100	40.5
Hammersmith and Fulhan	169,500	132,200	8,700	8,200	4,900	2,800	1,700	1,000	3,600	1,300	5,100	37,300	22.0
Haringey	223,000	146,500	21,000	20,500	7,900	6,300	2,100	3,100	5,900	2,500	7,200	76,500	34.3
Islington	179,900	135,700	8,700	10,700	5,400	2,900	900	4,300	3,100	3,200	4,900	44,200	24.6
Kensington and Chelsea	161,100	126,800	4,100	6,100	3,300	3,300	1,200	1,100	4,000	2,700	8,400	34,300	21.3
Lambeth	274,600	171,900	32,800	31,800	13,400	5,400	2,700	2,200	4,300	3,400	6,600	102,700	37.4
Lewisham	254,800	168,000	31,100	23,200	11,700	3,600	1,100	1,300	5,400	3,500	5,900	86,800	34.1
Newham	251,200	98,600	18,400	33,100	7,600	30,500	21,400	22,200	9,600	2,400	7,400	152,600	60.7
Southwark	258,100	162,900	20,500	41,500	10,300	3,800	1,200	3,800	3,000	4,700	6,400	95,200	36.9
Tower Hamlets	202,100	104,200	5,300	6,800	3,400	3,100	1,500	67,200	3,200	3,700	3,600	97,900	48.5
Wandsworth	272,200		13,100	10,300	6,600	7,700	5,600	1,100	6,600	2,300	5,900	59,300	21.8
Westminster	202,900	148,800	6,200	7,400	4,200	6,400	2,000	5,500	6,700	4,500	11,000	54,100	26.7
Barking and Dagenham	165,300		3,500	7,400	2,700	3,700	3,100	700	1,500	800	1,300	24,600	14.9
Barnet	319,800		4,200	13,900	4,400	27,600	4,100	1,500	9,600	6,500	11,400	83,100	26.0
Bexley	219,100		1,800	4,100	1,700	5,600	400	400	2,100	1,600	1,400	18,900	8.6
Brent	271,300		28,200	21,300	8,900	49,900	11,000	1,200	15,800	2,900	9,300	148,300	54.7
Bromley	295,600		4,600	3,400	3,100	4,500	700	900	3,300	1,800	2,700	24,800	8.4
Croydon	335,500		26,400	14,900	9,600	21,600	7,600	1,800	10,600	2,200	5,500	100,200	29.9
Ealing	308,400		13,800	11,400	6,400	50,800	11,600	1,100	15,900	3,700	12,600	127,200	41.2
Enfield	278,200		14,800	12,100	5,900	11,100	1,800	3,600	7,600	2,100	5,000	63,800	22.9
Greenwich	217,300		6,800	15,600	4,900	9,500	1,900	1,200	3,400	2,600	3,800	49,800	22.9
Harrow	210,700		6,200	5,800	3,000	46,200	4,400	1,000	13,100	2,600	4,800	87,000	41.3
Havering	224,800		1,600	1,400	1,300	2,800	500	200	1,400	900	1,000	10,900	4.9
Hillingdon	246,100		3,300	4,300	2,600	23,600	3,900	1,500	6,600	1,900	3,900	51,600	21.0
Hounslow	217,100		2,900	5,900	3,000	37,700	9,300	1,200	8,000	1,900	6,500	76,300	35.2
Kingston upon Thames	149,100		800	1,400	1,100	5,400	1,900	400	5,300	2,000	4,700	23,200	15.5
Merton	191,000	•	7,100	6,500	3,600	8,200	4,600	1,700	8,600	2,500	4,900	47,700	25.0
Redbridge	242,200		9,200	8,000	3,800	33,800	15,200	4,300	9,200	2,000	2,900	88,400	36.5
Richmond upon Thames	174,100		700	800	1,300	4,300	700	600	2,700	1,300	3,400	15,700	9.0
Sutton	181,400		2,100	2,200	1,900	4,200	1,200	600	3,900	1,200	2,300	19,600	10.8
Waltham Forest	222,800	143,600	18,100	13,000	7,600	7,800	17,700	2,200	6,800	1,500	4,500	79,200	35.6
Inner London	2,867,300	1,886,900	195,000	236,500	92,500	88,500	45,100	132,200	63,100	40,400	87,100	980,400	34.2
Outer London	4,469,600	3,329,200	156,000	153,200	76,700	358,100	101,300	26,000	135,300	41,900	91,900	1,140,400	25.5
Greater London	7,336,900	5,216,100	351,000	389,700	169,200	446,600	146,400	158,200	198,400	82,400	178,900	2,120,800	28.9

Appendix Table 2: GLA Ethnic Group Population Projections, London Boroughs, 2006

	Total	White	Black Caribbean	Black African	Black Other	Indian	Pakistani	Bangladeshi	Other Asian	Chinese	Other	BAME	% BAME
Camden	201,100	143,000	3,300	12,500	3,900	5,500	1,300	13,700	4,200	3,900	9,700	58,100	28.9
City of London	8,700	6,900	100	200	100	300	100	200	200	200	400	1,800	20.7
Hackney	215,300	126,700	20,100	26,000	11,100	7,800	1,800	6,700	3,800	2,700	8,600	88,600	41.2
Hammersmith and Fulhan	173,700	132,600	8,300	8,700	5,400	2,500	1,900	1,200	4,600	1,600	6,800	41,100	23.7
Haringey	227,700	147,500	20,300	20,600	8,600	6,000	2,400	3,500	5,900	3,200	9,700	80,200	35.2
Islington	186,600	138,900	8,400	10,100	5,900	3,400	1,100	5,000	3,400	4,200	6,400	47,800	25.6
Kensington and Chelsea	164,600	127,900	3,800	6,000	3,400	3,600	1,200	1,200	4,000	3,700	9,800	36,700	22.3
Lambeth	282,700	176,200	31,300	33,600	14,300	4,900	2,700	2,500	5,000	3,400	8,700	106,400	37.7
Lewisham	260,600	159,900	33,900	28,000	13,700	5,200	1,300	1,300	6,200	3,500	7,500	100,700	38.6
Newham	256,500	82,000	18,000	38,900	8,000	31,000	26,100	26,000	11,500	3,500	11,400	174,500	68.0
Southwark	264,200		19,500	42,500	11,000	4,900	1,200	4,100	3,700	5,600	8,600	101,200	38.3
Tower Hamlets	218,400		4,700	6,400	3,500	3,900	1,400	74,200	3,600	5,900	5,300	108,900	49.8
Wandsworth	279,300	218,000	11,800	10,100	6,900	8,000	5,400	1,300	6,600	2,600	8,600	61,300	21.9
Westminster	207,900	149,600	5,700	6,400	4,300	8,200	2,100	5,400	7,000	5,700	13,500	58,300	28.0
Barking and Dagenham	167,500	127,100	4,800	14,300	4,400	4,800	4,300	1,300	2,100	1,800	2,500	40,400	24.1
Barnet	320,700	223,200	4,000	16,600	5,500	29,400	4,900	1,600	10,300	7,800	17,300	97,500	30.4
Bexley	215,900	191,600	2,300	7,400	2,500	5,200	400	400	2,500	1,300	2,300	24,300	11.3
Brent	271,400	115,500	27,600	22,100	9,800	52,100	11,700	1,100	17,000	3,200	11,200	155,900	57.5
Bromley	296,700	264,300	5,900	5,600	4,000	5,400	800	1,100	3,800	1,900	4,000	32,400	10.9
Croydon	331,400		31,100	19,800	12,000	25,700	9,500	2,300	12,200	1,900	7,600	122,000	36.8
Ealing	307,200		13,500	10,900	6,800	49,200	12,500	1,200	17,100	4,200	22,100	137,500	44.8
Enfield	285,100		17,400	17,000	7,400	12,500	2,200	4,500	9,000	2,800	8,300	81,100	28.4
Greenwich	228,200		7,500	24,500	6,200	10,600	2,600	1,600	5,200	3,500	5,300	67,100	29.4
Harrow	213,900		6,900	7,100	3,500	54,000	5,400	1,100	16,700	2,800	7,300	104,800	49.0
Havering	226,100		2,200	3,200	1,600	3,000	500	200	1,700	1,000	1,500	15,000	6.6
Hillingdon	246,000		4,200	7,000	3,500	27,500	5,000	2,000	9,100	2,100	5,500	65,900	26.8
Hounslow	220,200		2,900	6,600	3,500	43,300	10,700	1,800	8,700	2,000	9,700	89,200	40.5
Kingston upon Thames	150,600		1,000	1,900	1,200	6,400	2,400	500	6,200	2,600	8,000	30,100	20.0
Merton	192,800		7,600	7,300	4,300	8,600	4,900	2,000	9,700	2,800	7,000	54,400	28.2
Redbridge	245,800		10,800	10,800	4,500	39,600	20,000	6,500	11,600	2,100	3,900	109,800	44.7
Richmond upon Thames	180,100		600	1,000	1,800	5,100	800	600	3,400	1,300	4,800	19,300	10.7
Sutton	181,000		2,700	3,300	2,400	5,000	2,000	600	5,200	1,300	3,500	26,100	14.4
Waltham Forest	220,800	133,000	19,500	14,200	8,500	7,700	19,500	2,400	8,000	1,700	6,300	87,800	39.8
Inner London	2,947,400	1,881,800	189,300	250,000	100,100	95,200	50,000	146,400	69,800	49,600	115,100	1,065,600	36.2
Outer London	4,501,400	3,140,900	172,600	200,700	93,500	395,100	120,100	32,700	159,600	48,200	138,100	1,360,500	30.2
Greater London	7,448,800	5,022,700	361,800	450,700	193,600	490,300	170,100	179,200	229,400	97,800	253,100	2,426,100	32.6

Appendix Table 3: GLA Ethnic Group Population Projections, London Boroughs, 2011

	Total	White	Black Caribbean	Black African	Black Other	Indian	Pakistani	Bangladeshi	Other Asian	Chinese	Other	BAME	% BAME
Camden	208,200	145,600	3,100	13,200	4,100	6,000	1,400	15,000	4,500	4,300	11,200	62,700	30.1
City of London	9,500	7,200	100	200	100	400	100	200	300	300	600	2,300	24.4
Hackney	228,700	134,100	19,700	27,400	12,300	8,100	1,800	7,400	4,300	3,000	10,600	94,600	41.4
Hammersmith and Fulhan	180,900	136,000	8,200	9,300	5,800	2,500	2,100	1,300	5,500	1,800	8,400	44,900	24.8
Haringey	240,400	154,700	20,200	21,400	9,300	6,000	2,700	4,100	6,300	3,800	11,900	85,700	35.6
Islington	202,700	150,000	8,600	10,400	6,400	4,000	1,200	5,700	3,900	4,900	7,600	52,700	26.0
Kensington and Chelsea	173,800	134,400	3,600	6,100	3,500	4,000	1,200	1,200	4,100	4,500	11,200	39,400	22.7
Lambeth	292,600	182,700	30,200	35,000	15,200	4,800	2,700	2,800	5,600	3,400	10,200	109,900	37.6
Lewisham	269,900	158,800	36,400	31,100	15,700	5,800	1,500	1,400	6,900	3,500	8,800	111,100	41.2
Newham	290,300	85,400	19,100	46,100	9,100	33,800	31,600	31,200	13,900	4,600	15,500	204,900	70.6
Southwark	282,900	173,800	19,500	44,100	12,100	5,900	1,400	4,600	4,400	6,500	10,700	109,100	38.6
Tower Hamlets	249,000	126,000	4,700	6,800	3,800	4,900	1,500	82,000	4,300	8,100	6,900	123,000	49.4
Wandsworth	289,900	226,100	10,900	10,200	7,300	8,400	5,200	1,400	6,900	2,800	10,800	63,800	22.0
Westminster	215,400	152,700	5,300	5,900	4,400	9,600	2,300	5,300	7,300	6,700	16,000	62,700	29.1
Barking and Dagenham	178,000		6,200	20,900	6,300	6,000	5,600	1,900	2,800	2,800	3,800	56,300	31.6
Barnet	332,000	219,900	3,900	19,100	6,500	31,600	5,700	1,800	11,300	9,200	23,000	112,000	33.7
Bexley	216,000	186,900	2,700	10,000	3,400	5,100	400	500	2,800	1,200	3,000	29,100	13.5
Brent	284,400	116,600	27,700	23,700	11,000	55,800	12,700	1,100	18,900	3,600	13,300	167,800	59.0
Bromley	301,100	263,200	7,000	7,300	4,900	5,900	800	1,300	4,100	1,900	4,900	38,000	12.6
Croydon	341,600		35,800	24,000	14,500	29,300	11,600	2,700	13,900	1,800	9,600	143,200	41.9
Ealing	320,200		13,500	11,200	7,200	49,900	13,500	1,400	18,900	4,800	31,300	151,600	47.3
Enfield	289,900	197,900	19,400	19,300	8,700	13,300	2,500	5,200	10,000	3,200	10,300	92,000	31.7
Greenwich	249,700	163,500	8,400	34,000	7,800	12,100	3,500	1,900	7,100	4,500	7,000	86,200	34.5
Harrow	225,200	103,500	7,500	8,400	3,900	61,800	6,400	1,200	20,100	3,000	9,600	121,800	54.1
Havering	231,200	212,900	2,800	4,700	2,000	3,300	500	200	1,900	1,200	1,700	18,200	7.9
Hillingdon	253,400	174,600	5,100	9,200	4,300	31,300	6,000	2,400	11,300	2,300	6,900	78,800	31.1
Hounslow	235,300	130,600	3,100	7,400	4,000	50,200	12,300	2,600	9,600	2,300	13,100	104,700	44.5
Kingston upon Thames	154,600	119,200	1,100	2,300	1,400	7,300	2,700	600	6,900	3,200	10,000	35,400	22.9
Merton	198,000	137,900	8,100	8,000	5,000	9,000	5,300	2,300	10,900	3,000	8,400	60,100	30.3
Redbridge	255,900	128,100	12,200	12,700	5,100	44,500	24,300	8,700	13,500	2,200	4,600	127,800	50.0
Richmond upon Thames	185,700		700	1,100	2,100	5,700	800	600	3,900	1,300	6,100	22,300	12.0
Sutton	183,700		3,200	4,000	2,800	5,500	2,700	700	6,300	1,300	4,100	30,600	16.7
Waltham Forest	227,400	130,400	20,900	15,400	9,400	7,800	21,700	2,800	9,300	1,900	7,700	97,000	42.7
Inner London	3,134,400	1,967,500	189,600	267,200	109,200	104,100	56,700	163,500	78,100	58,100	140,300	1,166,800	37.2
Outer London	4,663,300	3,090,300	189,300	242,600	110,200	435,300	139,000	39,800	183,700	54,600	178,400	1,573,000	33.7
Greater London	7,797,700	5,057,800	378,900	509,800	219,400	539,400	195,600	203,400	261,800	112,800	318,800	2,739,800	35.1

Appendix Table 4: GLA Ethnic Group Population Projections, London Boroughs, 2016

	Total	White	Black Caribbean	Black African	Black Other	Indian	Pakistani	Bangladeshi	Other Asian	Chinese	Other	BAME	% BAME
Camden	215,100	148,900	3,000	13,800	4,200	6,500	1,500	15,800	4,600	4,600	12,300	66,300	30.8
City of London	10,500	7,700	100	200	200	500	100	200	300	300	800	2,800	26.3
Hackney	236,200	137,600	19,200	28,200	13,200	8,400	1,700	7,900	4,600	3,300	12,200	98,600	41.7
Hammersmith and Fulhan	187,500	139,600	8,100	9,800	6,200	2,500	2,200	1,500	6,200	1,900	9,500	47,800	25.5
Haringey	253,700	162,700	20,200	22,400	10,100	6,200	2,900	4,500	6,800	4,300	13,800	91,000	35.9
Islington	209,300	154,300	8,600	10,200	6,700	4,200	1,300	6,300	4,100	5,300	8,300	55,000	26.3
Kensington and Chelsea	177,500	136,700	3,400	6,000	3,500	4,200	1,300	1,200	4,100	5,000	12,100	40,800	23.0
Lambeth	300,500	187,900	29,400	36,000	15,800	4,700	2,700	3,000	6,000	3,500	11,300	112,700	37.5
Lewisham	289,600	166,500	39,500	34,600	17,900	6,500	1,700	1,500	7,700	3,700	10,100	123,100	42.5
Newham	332,400		20,700	53,900	10,400	37,700	37,000	36,400	16,600	5,800	19,500	238,000	71.6
Southwark	304,800		19,600	46,000	13,200	6,700	1,600	4,900	5,100	7,300	12,600	117,000	38.4
Tower Hamlets	270,300	135,600	4,600	7,000	4,000	5,600	1,600	88,900	4,900	9,900	8,100	134,600	49.8
Wandsworth	298,400		10,200	10,200	7,400	8,700	5,100	1,500	7,100	3,000	12,400	65,700	22.0
Westminster	220,400	154,800	5,000	5,700	4,500	10,500	2,400	5,100	7,500	7,200	17,700	65,600	29.8
Barking and Dagenham	203,700	•	7,700	28,100	8,400	7,600	7,200	2,500	3,700	4,100	5,300	74,800	36.7
Barnet	366,900	235,300	4,200	22,500	7,700	35,100	6,800	2,100	13,000	10,800	29,300	131,500	35.9
Bexley	217,900	184,800	3,000	12,200	4,100	5,000	400	600	3,100	1,100	3,600	33,100	15.2
Brent	296,400		27,600	24,800	11,900	59,600	13,500	1,200	20,500	3,900	14,800	177,900	60.0
Bromley	302,300		7,900	8,500	5,600	6,200	800	1,500	4,300	1,900	5,500	42,100	13.9
Croydon	370,800		41,000	28,900	17,100	33,800	13,800	3,200	15,900	2,000	11,800	167,700	45.2
Ealing	326,900		13,400	11,100	7,400	50,400	14,100	1,500	20,000	5,200	38,600	161,800	49.5
Enfield	291,200		21,000	20,500	9,600	13,900	2,700	5,800	10,600	3,500	11,800	99,500	34.2
Greenwich	272,400		9,200	42,000	9,200	13,500	4,200	2,200	8,700	5,500	8,500	103,100	37.9
Harrow	229,900		7,800	8,900	4,100	67,600	6,900	1,200	22,400	3,100	11,100	133,000	57.8
Havering	237,600		3,300	5,900	2,300	3,500	500	200	2,100	1,300	1,900	21,100	8.9
Hillingdon	262,100		5,800	11,000	5,000	34,700	6,900	2,900	13,300	2,500	8,100	90,100	34.4
Hounslow	242,300		3,200	7,800	4,300	55,600	13,300	3,300	10,300	2,400	15,700	115,800	47.8
Kingston upon Thames	158,900		1,300	2,600	1,500	8,000	3,000	700	7,500	3,700	11,500	39,700	25.0
Merton	198,000	134,700	8,400	8,200	5,500	9,100	5,500	2,500	11,600	3,200	9,300	63,300	32.0
Redbridge	265,300		13,400	13,900	5,500	48,800	28,000	10,600	15,100	2,200	5,100	142,700	53.8
Richmond upon Thames	188,600		700	1,200	2,400	6,100	800	600	4,300	1,300	7,000	24,400	12.9
Sutton	187,500		3,600	4,500	3,200	6,000	3,200	800	7,200	1,400	4,600	34,500	18.4
Waltham Forest	231,900	128,200	22,000	16,100	10,100	7,900	23,500	3,000	10,200	2,100	8,700	103,700	44.7
Inner London	3,306,300	2,047,400	191,700	283,900	117,200	112,800	63,000	178,700	85,600	65,200	160,700	1,258,900	38.1
Outer London	4,850,500	3,090,800	204,600	279,000	124,900	472,500	155,300	46,300	204,100	61,000	212,300	1,759,800	36.3
Greater London	8,156,800	5,138,100	396,300	563,000	242,100	585,300	218,200	225,000	289,600	126,200	373,000	3,018,700	37.0

Appendix Table 5: GLA Ethnic Group Population Projections, London Boroughs, 2021

	Total	White	Black Caribbean	Black African	Black Other	Indian	Pakistani	Bangladeshi	Other Asian	Chinese	Other	BAME	% BAME
Camden	222,900	153,700	3,000	14,400	4,400	6,900	1,500	16,200	4,800	4,800	13,100	69,200	31.0
City of London	11,100	8,100	200	200	200	500	100	200	300	400	900	3,000	27.3
Hackney	244,400	142,100	19,000	29,000	14,000	8,600	1,700	8,200	4,900	3,500	13,400	102,300	41.8
Hammersmith and Fulhan	194,300	144,200	8,100	10,100	6,400	2,500	2,300	1,600	6,700	2,000	10,300	50,200	25.8
Haringey	261,600	167,100	20,100	22,900	10,600	6,200	3,000	4,800	7,000	4,600	15,100	94,500	36.1
Islington	215,800	158,800	8,500	10,200	7,000	4,500	1,300	6,700	4,300	5,700	8,800	57,000	26.4
Kensington and Chelsea	179,200	137,600	3,300	6,000	3,500	4,300	1,300	1,200	4,100	5,300	12,700	41,600	23.2
Lambeth	309,000	193,900	28,800	37,000	16,300	4,800	2,800	3,200	6,400	3,700	12,200	115,100	37.3
Lewisham	302,500	170,800	41,900	37,000	19,600	6,900	1,900	1,500	8,200	3,800	11,000	131,700	43.6
Newham	346,900	92,700	21,200	57,100	11,000	39,200	40,300	39,700	17,800	6,300	21,600	254,200	73.3
Southwark	321,300	198,500	19,800	47,500	14,000	7,300	1,700	5,100	5,500	8,000	13,900	122,800	38.2
Tower Hamlets	286,400	142,300	4,500	7,200	4,200	6,100	1,600	94,800	5,300	11,400	9,000	144,100	50.3
Wandsworth	305,900		9,800	10,300	7,500	8,900	5,000	1,600	7,300	3,200	13,700	67,100	22.0
Westminster	224,200	156,700	4,800	5,500	4,500	11,100	2,400	4,900	7,700	7,600	18,800	67,400	30.1
Barking and Dagenham	217,400		8,800	32,700	10,100	8,600	8,300	3,000	4,200	5,000	6,200	87,000	40.0
Barnet	380,000		4,300	24,000	8,500	37,100	7,400	2,200	13,700	11,900	33,300	142,300	37.5
Bexley	220,400		3,300	13,800	4,800	5,000	400	600	3,400	1,100	4,000	36,300	16.5
Brent	303,000		27,100	25,400	12,600	62,400	14,100	1,200	21,500	4,100	15,700	184,000	60.7
Bromley	305,000		8,600	9,400	6,100	6,500	800	1,600	4,500	1,900	6,000	45,400	14.9
Croydon	383,800		44,800	31,700	19,100	36,900	15,600	3,500	17,200	2,000	13,300	184,100	48.0
Ealing	331,200		13,200	11,000	7,500	50,700	14,600	1,600	20,700	5,600	44,200	169,100	51.1
Enfield	292,100		22,400	21,300	10,300	14,400	2,800	6,200	11,100	3,700	12,800	105,000	35.9
Greenwich	280,300		9,600	47,000	10,000	14,500	4,800	2,400	9,600	6,000	9,400	113,300	40.4
Harrow	229,400		7,900	9,000	4,200	71,400	7,000	1,200	23,600	3,100	12,000	139,300	60.7
Havering	243,900		3,800	6,900	2,600	3,600	500	200	2,300	1,400	2,100	23,400	9.6
Hillingdon	270,000		6,400	12,300	5,600	37,700	7,600	3,200	14,900	2,600	8,900	99,200	36.7
Hounslow	246,500		3,200	8,000	4,500	59,700	14,100	3,900	10,600	2,400	17,400	123,900	50.3
Kingston upon Thames	160,900		1,300	2,700	1,500	8,500	3,200	800	8,000	4,000	12,400	42,400	26.4
Merton	197,300		8,600	8,400	5,800	9,200	5,500	2,700	12,000	3,300	9,800	65,400	33.1
Redbridge	267,500		14,100	14,200	5,700	51,800	30,600	12,000	16,000	2,200	5,300	151,800	56.8
Richmond upon Thames	191,500		700	1,200	2,500	6,500	900	600	4,600	1,300	7,600	25,800	13.5
Sutton	191,400		4,000	5,000	3,500	6,500	3,700	900	8,000	1,400	4,900	37,800	19.8
Waltham Forest	236,000	127,400	22,800	16,600	10,500	8,000	24,900	3,200	11,000	2,200	9,400	108,600	46.0
Inner London	3,425,400	2,105,100	193,000	294,200	123,000	117,900	66,900	189,900	90,300	70,400	174,700	1,320,300	38.5
Outer London	4,947,600	3,063,400	214,900	300,600	135,300	498,900	166,800	51,200	216,800	65,000	234,700	1,884,200	38.1
Greater London	8,373,000	5,168,500	407,900	594,900	258,300	616,800	233,700	241,100	307,100	135,500	409,400	3,204,500	38.3

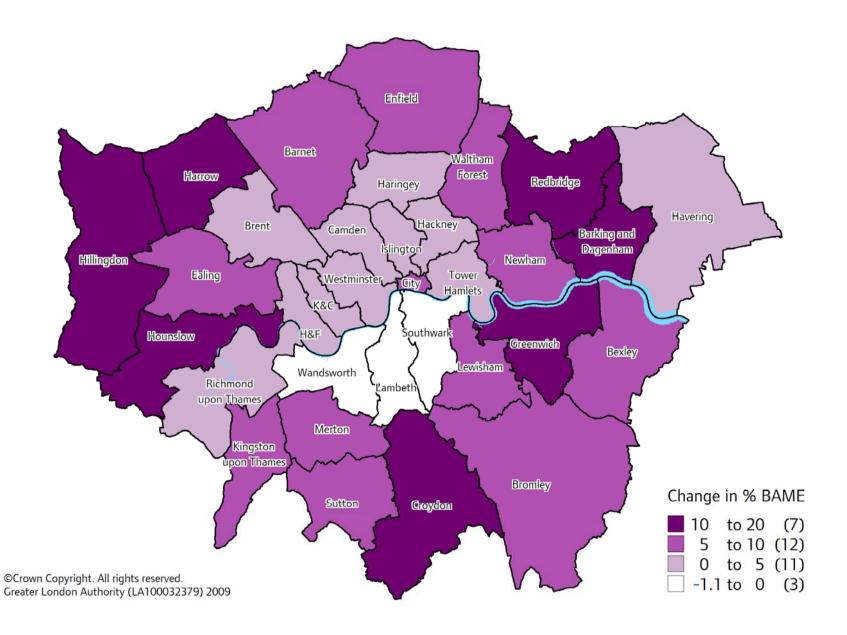
Appendix Table 6: GLA Ethnic Group Population Projections, London Boroughs, 2026

	Total	White	Black Caribbean	Black African	Black Other	Indian	Pakistani	Bangladeshi	Other Asian	Chinese	Other	ВАМЕ	% BAME
Camden	230,800	159,100	3,000	14,900	4,500	7,300	1,600	16,400	5,000	5,100	13,800	71,700	31.1
City of London	11,700	8,400	200	300	200	600	100	200	400	400	1,000	3,300	27.9
Hackney	252,100	146,700	18,800	29,700	14,600	8,900	1,700	8,500	5,100	3,700	14,400	105,400	41.8
Hammersmith and Fulhan	198,000	146,400	8,100	10,400	6,600	2,500	2,400	1,700	7,100	2,100	10,800	51,600	26.1
Haringey	271,100	173,200	20,200	23,600	11,100	6,300	3,200	5,100	7,300	4,900	16,200	97,900	36.1
Islington	221,300	162,700	8,600	10,200	7,200	4,600	1,400	7,000	4,400	6,100	9,100	58,600	26.5
Kensington and Chelsea	180,900	138,800	3,200	5,900	3,500	4,300	1,300	1,200	4,100	5,500	13,100	42,100	23.3
Lambeth	316,900	199,700	28,600	37,800	16,600	4,800	2,800	3,400	6,600	3,800	12,800	117,200	37.0
Lewisham	310,700	172,900	43,800	38,500	21,000	7,100	1,900	1,600	8,500	3,900	11,500	137,800	44.4
Newham	359,400	92,400	21,500	59,500	11,400	40,300	43,000	42,700	18,600	6,800	23,200	267,000	74.3
Southwark	341,300	211,800	20,200	49,500	14,800	8,000	1,800	5,300	6,000	8,700	15,200	129,400	37.9
Tower Hamlets	301,000	148,300	4,500	7,400	4,300	6,500	1,700	100,400	5,600	12,800	9,600	152,700	50.7
Wandsworth	311,100	242,800	9,500	10,300	7,600	9,200	4,900	1,600	7,400	3,300	14,500	68,200	21.9
Westminster	226,300	157,800	4,800	5,500	4,500	11,500	2,400	4,600	7,800	7,800	19,400	68,500	30.3
Barking and Dagenham	232,800	134,500	9,900	36,900	11,700	9,500	9,300	3,500	4,600	5,800	6,900	98,300	42.2
Barnet	384,600	236,300	4,200	24,500	9,000	38,300	7,700	2,300	14,000	12,500	35,700	148,300	38.6
Bexley	223,100	184,500	3,500	15,000	5,300	5,000	400	600	3,600	1,000	4,300	38,700	17.3
Brent	306,900	119,000	26,600	25,700	13,000	64,500	14,400	1,200	22,100	4,200	16,100	187,900	61.2
Bromley	308,500	260,500	9,300	10,100	6,600	6,700	800	1,800	4,600	1,900	6,400	48,000	15.6
Croydon	384,000		47,400	32,600	20,400	38,700	16,800	3,800	17,600	1,900	14,000	193,200	50.3
Ealing	335,600	160,800	13,000	11,000	7,600	51,000	14,900	1,700	21,200	5,800	48,500	174,700	52.1
Enfield	293,500	184,500	23,400	21,700	10,900	14,700	2,900	6,600	11,400	3,900	13,500	109,000	37.1
Greenwich	285,700	165,300	9,900	50,500	10,600	15,200	5,300	2,600	10,200	6,300	9,800	120,300	42.1
Harrow	229,000	85,600	7,900	9,100	4,200	74,100	7,100	1,200	24,300	3,000	12,500	143,400	62.6
Havering	247,500	222,600	4,100	7,600	2,800	3,700	500	200	2,400	1,500	2,100	24,900	10.1
Hillingdon	271,700		6,800	12,900	5,900	39,600	8,100	3,500	15,800	2,600	9,300	104,500	38.5
Hounslow	250,200	120,400	3,300	8,100	4,600	62,900	14,600	4,500	10,800	2,500	18,500	129,800	51.9
Kingston upon Thames	161,800	117,700	1,400	2,800	1,500	8,900	3,200	800	8,200	4,300	12,900	44,000	27.2
Merton	196,700	130,200	8,800	8,400	6,000	9,300	5,500	2,900	12,200	3,300	9,900	66,500	33.8
Redbridge	269,500	110,800	14,700	14,300	5,800	54,200	32,600	13,000	16,700	2,200	5,300	158,700	58.9
Richmond upon Thames	194,100		700	1,300	2,700	6,700	900	600	4,800	1,300	8,000	26,900	13.8
Sutton	193,100	153,100	4,200	5,300	3,800	6,700	4,100	900	8,500	1,400	5,100	40,000	20.7
Waltham Forest	239,100	127,000	23,500	16,800	10,900	8,100	26,000	3,300	11,500	2,300	9,800	112,100	46.9
Inner London	3,532,600	2,161,200	194,800	303,400	128,000	122,000	70,200	199,800	93,900	74,800	184,500	1,371,400	38.8
Outer London	5,007,400	3,038,100	222,300	314,700	143,100	517,700	175,300	55,000	224,500	67,900	248,800	1,969,300	39.3
Greater London	8,540,000	5,199,200	417,200	618,100	271,100	639,700	245,400	254,800	318,400	142,700	433,300	3,340,800	39.1

Appendix Table 7: GLA Ethnic Group Population Projections, London Boroughs, 2031

	Total	White	Black Caribbean	Black African	Black Other	Indian	Pakistani	Bangladeshi	Other Asian	Chinese	Other	ВАМЕ	% BAME
Camden	236,400	162,900	3,000	15,300	4,600	7,600	1,600	16,600	5,200	5,300	14,200	73,500	31.1
City of London	12,400	8,900	200	300	200	600	100	200	400	400	1,000	3,500	28.2
Hackney	262,600	153,200	19,000	30,700	15,200	9,300	1,700	8,900	5,300	3,900	15,300	109,300	41.6
Hammersmith and Fulhan	203,800	150,000	8,300	10,800	6,800	2,600	2,500	1,700	7,500	2,200	11,300	53,800	26.4
Haringey	281,500	180,100	20,400	24,400	11,600	6,500	3,300	5,400	7,600	5,200	17,000	101,400	36.0
Islington	228,800	168,000	8,800	10,500	7,500	4,800	1,400	7,400	4,500	6,400	9,500	60,800	26.6
Kensington and Chelsea	184,000	141,300	3,100	6,000	3,500	4,400	1,300	1,200	4,200	5,700	13,400	42,700	23.2
Lambeth	329,600	208,900	29,000	39,000	17,000	4,900	2,900	3,500	6,900	4,000	13,400	120,800	36.6
Lewisham	316,700	174,300	45,200	39,500	22,100	7,300	2,000	1,600	8,700	4,000	11,800	142,300	44.9
Newham	375,900	95,100	22,100	62,200	11,900	41,700	45,800	45,800	19,600	7,200	24,600	280,900	74.7
Southwark	360,800	224,800	20,700	51,500	15,700	8,700	1,900	5,600	6,400	9,400	16,200	136,000	37.7
Tower Hamlets	321,500		4,600	7,700	4,600	7,000	1,800	106,800	6,000	14,200	10,300	163,000	50.7
Wandsworth	319,000		9,400	10,500	7,700	9,400	4,900	1,700	7,500	3,400	15,200	69,900	21.9
Westminster	232,300	162,000	4,800	5,600	4,600	12,000	2,500	4,500	8,100	8,100	20,200	70,300	30.3
Barking and Dagenham	253,900		11,000	41,700	13,500	10,600	10,500	4,000	5,200	6,700	7,800	111,000	43.7
Barnet	394,300		4,300	25,300	9,400	39,700	8,100	2,400	14,400	13,200	37,800	154,600	39.2
Bexley	227,300		3,700	16,000	5,800	5,000	500	600	3,700	1,000	4,500	40,800	17.9
Brent	314,700		26,500	26,400	13,500	66,900	14,900	1,200	22,800	4,400	16,700	193,200	61.4
Bromley	314,100		9,900	10,600	7,000	6,900	800	2,000	4,700	1,900	6,700	50,400	16.1
Croydon	389,000		49,800	33,600	21,600	40,400	17,900	4,100	18,000	1,900	14,600	201,800	51.9
Ealing	343,900		13,000	11,200	7,700	51,700	15,300	1,700	21,900	6,100	52,200	180,700	52.6
Enfield	297,500		24,500	22,300	11,300	15,100	3,000	6,900	11,700	4,000	14,100	112,800	37.9
Greenwich	295,100		10,200	53,800	11,100	15,900	5,700	2,700	10,800	6,700	10,300	127,300	43.1
Harrow	231,700		8,000	9,200	4,200	76,600	7,200	1,200	25,100	3,100	12,900	147,500	63.7
Havering	253,600		4,300	8,200	3,000	3,800	600	200	2,400	1,600	2,200	26,400	10.4
Hillingdon	275,900		7,100	13,400	6,200	41,400	8,400	3,800	16,700	2,700	9,600	109,400	39.7
Hounslow	255,800		3,300	8,200	4,700	65,800	15,100	5,000	11,000	2,600	19,400	135,100	52.8
Kingston upon Thames	164,400		1,400	2,900	1,600	9,200	3,300	900	8,400	4,500	13,300	45,600	27.7
Merton	199,100	•	9,000	8,600	6,200	9,400	5,600	3,000	12,500	3,400	10,200	67,900	34.1
Redbridge	274,000	•	15,200	14,500	5,900	56,300	34,400	14,000	17,200	2,200	5,400	165,100	60.3
Richmond upon Thames	197,800		700	1,300	2,800	7,000	900	600	5,000	1,300	8,300	27,800	14.1
Sutton	195,800		4,400	5,500	4,000	7,000	4,400	1,000	8,900	1,500	5,200	41,900	21.4
Waltham Forest	245,800	129,500	24,300	17,300	11,200	8,300	27,100	3,400	12,000	2,400	10,200	116,300	47.3
Inner London	3,665,300		198,800	314,100	133,100	126,800	73,800	211,000	97,900	79,300	193,500	1,428,200	39.0
Outer London	5,123,400		230,800	330,100	150,600	536,800	183,800	58,700	232,300	71,200	261,400	2,055,700	40.1
Greater London	8,788,700	5,304,800	429,600	644,100	283,700	663,600	257,500	269,700	330,200	150,600	454,800	3,483,900	39.6

Appendix Map 1: Percentage Change in the proportion of BAME residents by London borough between 2006 and 2031



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