

Data Management and Analysis Group

2001 Census: First population statistics

DMAG Briefing 2002/6

October 2002

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With thanks to Bill Armstrong for producing the maps.

2001 Census - first population statistics

Population by age

The 2001 Census population of London is 7,172,036. This compares with the latest mid-year estimate for 2000 of 7,375,065. This is within 3 per cent of the actual figure. Borough population totals are given in Table 1.

The Office for National Statistics (ONS) have published a range of information on their website, and some of the more interesting facts are:

Nationally a larger proportion of the population is aged 60+ than under 16 for the first time.

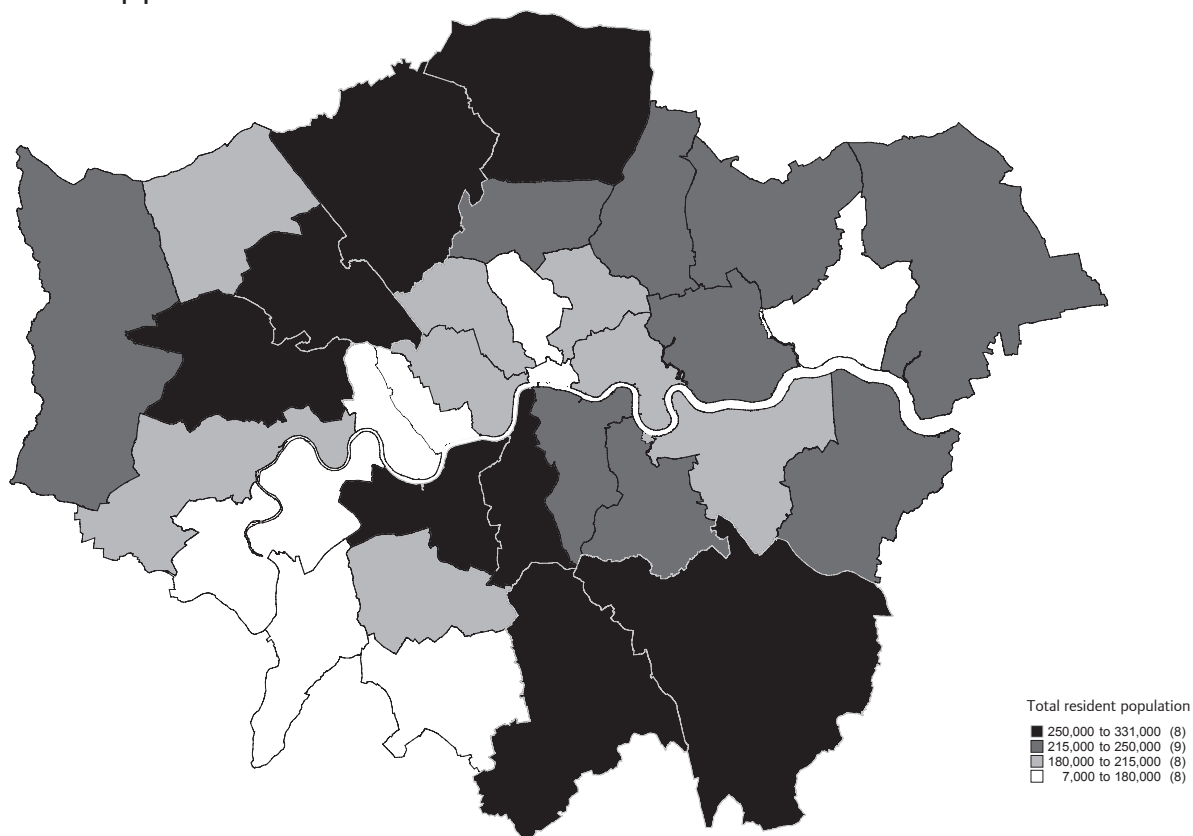
There are more women than men in the UK in all age groups above 21.

There has been a big increase in the number of people aged 85 and over, now over 1.1 million in the UK.

Within London Newham has the largest proportion of babies under 1 year old in the country, closely followed in second and third places by Hackney and Tower Hamlets. Lewisham, Greenwich, Richmond and Kensington and Chelsea were also among the top ten. The same three boroughs topped the national rankings of the proportion of population aged under 5. Newham has the third highest proportion of persons aged under 16 in the UK at 26.2 per cent.

The London rankings for under 5s are shown in Table 2.

Total resident population



Source: 2001 Census of Population, released 30th September 2002.

Table 1 2001 Census: population of the London Boroughs

Borough	Persons All ages
City of London	7,186
Barking and Dagenham	163,944
Barnet	314,561
Bexley	218,307
Brent	263,463
Bromley	295,530
Camden	198,027
Croydon	330,688
Ealing	300,947
Enfield	273,563
Greenwich	214,540
Hackney	202,819
Hammersmith and Fulham	165,243
Haringey	216,510
Harrow	207,389
Havering	224,248
Hillingdon	242,435
Hounslow	212,344
Islington	175,787
Kensington and Chelsea	158,922
Kingston upon Thames	147,295
Lambeth	266,170
Lewisham	248,924
Merton	187,908
Newham	243,737
Redbridge	238,628
Richmond upon Thames	172,327
Southwark	244,867
Sutton	179,667
Tower Hamlets	196,121
Waltham Forest	218,277
Wandsworth	260,383
Westminster	181,279
Inner London	2,765,975
Outer London	4,406,061
Greater London	7,172,036

Source: 2001 Census, Office for National Statistics, Crown Copyright

Table 2 Percentage of population aged under 5

Rank in London		% under 5
1	Newham	8.54
2	Hackney	8.26
3	Tower Hamlets	7.74
4	Barking and Dagenham	7.65
5	Greenwich	7.25
6	Waltham Forest	7.15
7	Lewisham	7.14
8	Southwark	7.09
9	Richmond upon Thames	6.86
10	Croydon	6.84
11	Haringey	6.81
12	Lambeth	6.78
13	Merton	6.76
14	Hounslow	6.71
15	Hillingdon	6.67
16	Enfield	6.62
17	Redbridge	6.60
18	Sutton	6.48
19	Barnet	6.43
20	Wandsworth	6.40
21	Ealing	6.39
22	Bromley	6.32
23	Islington	6.32
24	Kensington and Chelsea	6.26
25	Kingston upon Thames	6.26
26	Brent	6.18
27	Hammersmith and Fulham	6.17
28	Bexley	6.08
29	Camden	5.97
30	Harrow	5.80
31	Havering	5.54
32	Westminster	5.22
33	City of London	3.47

Source: 2001 Census, Office for National Statistics, Crown Copyright

It is not unexpected therefore, that the areas with high percentages of children would have relatively low proportions of people over 60. Newham has the lowest percentage of people aged 60 or over in the UK, followed by Lambeth, Hackney, Tower Hamlets and Haringey. The only area outside London in the 10 local authority areas with the lowest proportions of people over 60 is Milton Keynes.

Table 3 Lowest proportions in UK for people aged 60+

1	Newham	12.26
2	Lambeth	12.43
3	Hackney	12.60
4	Tower Hamlets	12.61
5	Haringey	13.39
6	Islington	13.73
7	Southwark	13.75
8	Wandsworth	13.79
9	Milton Keynes UA	13.95
10	Camden	14.17

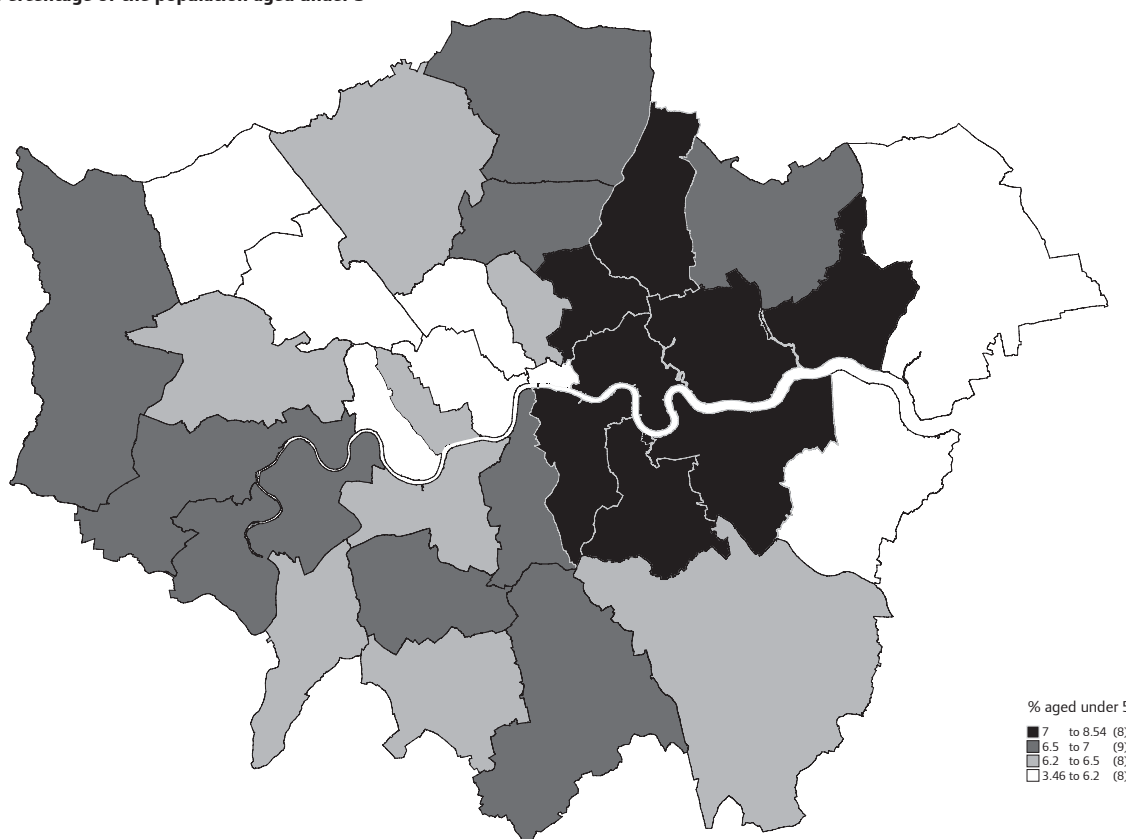
Within London, Havering has the largest proportion over 60, and is one of three boroughs where more than one in five residents is aged 60 or over. There is a similar Outer/Inner split for people aged 85 and over.

Table 4 Percentage of population aged 60 or over

		% 60+
1	Havering	22.66
2	Bromley	21.56
3	Bexley	20.60
4	Harrow	18.98
5	Sutton	18.73
6	Barnet	18.52
7	Barking and Dagenham	18.47
8	Hillingdon	18.29
9	Enfield	18.20
10	Redbridge	18.17
11	Richmond upon Thames	17.66
12	City of London	17.62
13	Kingston upon Thames	17.10
14	Croydon	17.05
15	Greenwich	16.86
16	Merton	16.78
17	Kensington and Chelsea	16.64
18	Westminster	16.41
19	Brent	15.73
20	Ealing	15.57
21	Waltham Forest	15.51
22	Hounslow	15.46
23	Lewisham	14.53
24	Hammersmith and Fulham	14.20
25	Camden	14.17
26	Wandsworth	13.79
27	Southwark	13.75
28	Islington	13.73
29	Haringey	13.39
30	Tower Hamlets	12.61
31	Hackney	12.60
32	Lambeth	12.43
33	Newham	12.26

Source: 2001 Census, Office for National Statistics, Crown Copyright

Percentage of the population aged under 5



Source: 2001 Census of Population, released 30th September 2002.

Percentage of the population aged 60 and over



Source: 2001 Census of Population, released 30th September 2002.

Table 5 Percentage of the population aged 85 and over

		% 85+
1	Barnet	2.25
2	Bromley	2.18
3	Harrow	2.14
4	Richmond upon Thames	2.08
5	Sutton	2.06
6	Kingston upon Thames	2.02
7	Enfield	1.94
8	Havering	1.88
9	Bexley	1.86
10	Redbridge	1.84
11	Barking and Dagenham	1.74
12	Hillingdon	1.74
13	City of London	1.73
14	Merton	1.72
15	Greenwich	1.65
16	Waltham Forest	1.64
17	Croydon	1.63
18	Kensington and Chelsea	1.58
19	Westminster	1.50
20	Lewisham	1.42
21	Ealing	1.41
22	Wandsworth	1.40
23	Hounslow	1.37
24	Camden	1.36
25	Brent	1.29
26	Hammersmith and Fulham	1.27
27	Haringey	1.16
28	Southwark	1.13
29	Hackney	1.09
30	Islington	1.05
31	Lambeth	1.02
32	Newham	0.97
33	Tower Hamlets	0.84

Source: 2001 Census, Office for National Statistics, Crown Copyright

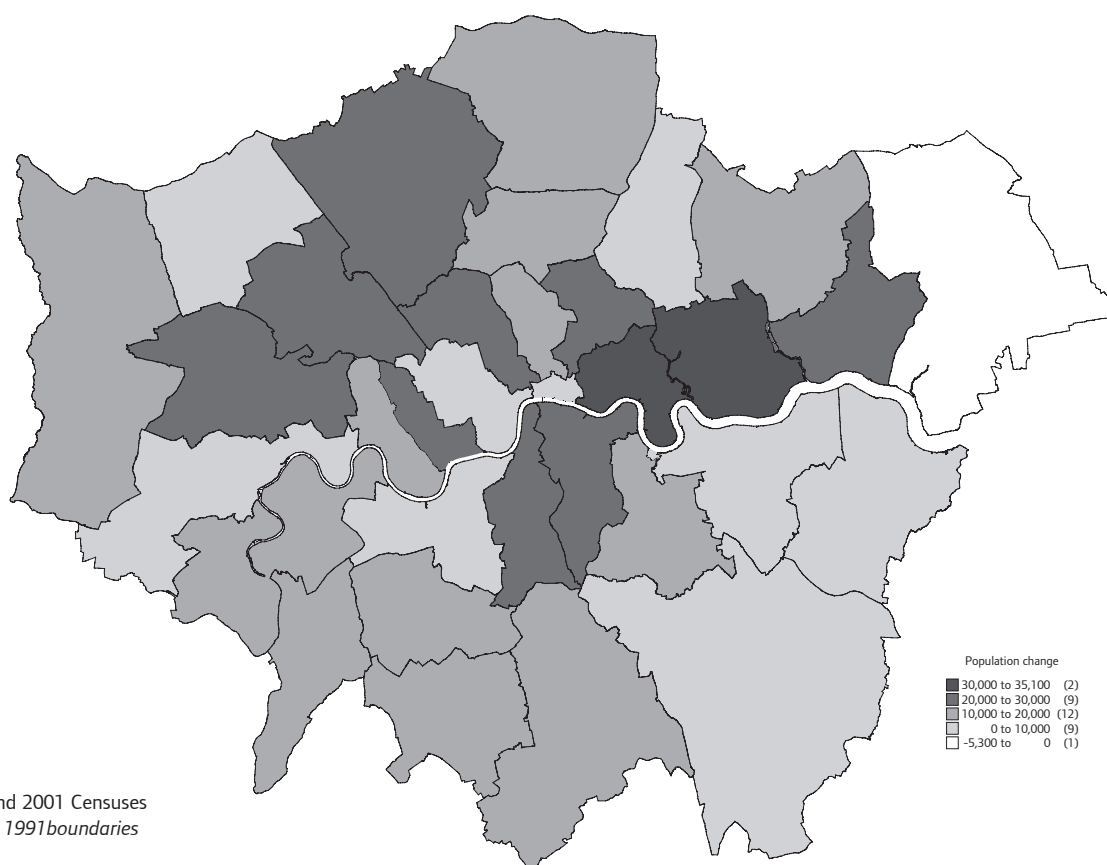
Measures of change

It should be relatively easy to give an indication of population change over the last decade, but because of the doubts ONS have raised about the series of mid-year estimates and about the adjustments made for under-enumeration in the 1991 Census it is not straightforward. ONS originally only published change between 1981 and 2001 on their website, which is not what most users are interested in, although they have now added change between mid-1991 and the 2001 Census.

There are a number of valid comparisons that could be made to measure population change between 1991 and 2001. A straight comparison of the 1991 and 2001 Censuses seems obvious, except that the 2001 Census resident base is now the same as the population base used for the mid-year estimates and differs from the 1991 Census resident base (mainly in the treatment of where students are regarded as usually resident). There have also been boundary changes in London between 1991 and 2001. A second valid comparison could be with the 1991 mid-year estimates, except that there is some doubt about the reliability of the adjustments made for under-counting in the 1991 Census that were incorporated into the 1991 mid-year estimates. ONS now appear to be saying that the adjustments were too high in some areas, and are going to re-issue the mid-year estimates back to 1991 in the near future and then back as far as 1982 in the next few months.

The best measure of change available ought to be obtained by comparing the 2001 Census figures with the revised 1991 mid-year estimates – but this will not lessen the shock of the 2001 Census figures to Westminster, Kensington and Chelsea, Barnet and a number of other boroughs which have seen the official estimates of their populations reduced dramatically and suddenly.

Population Change, 1991 to 2001



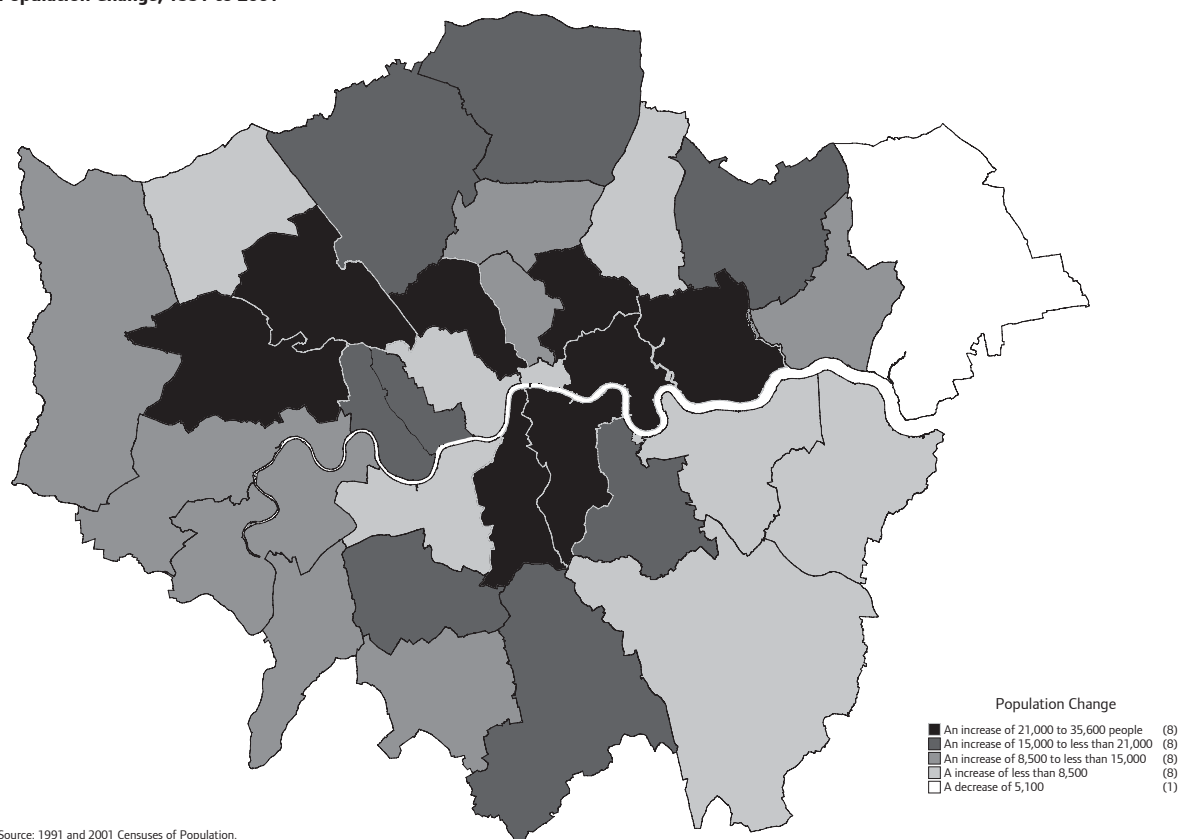
Source: 1991 and 2001 Censuses
1991 data uses 1991 boundaries

Table 6 Measures of change

Borough	Census 1991-2001 Change (1991 boundaries)	Census 1991-2001 Change (1996 boundaries)	1991 MYE/ 2001 Census change (1991 boundaries)	2001 Census/ 2000 MYE difference
City of London	3,044	1,767	3,086	815
Barking and Dagenham	20,263	10,843	17,744	7,982
Barnet	20,997	20,901	14,661	-30,931
Bexley	2,692	2,433	-1,093	-2,182
Brent	20,438	26,346	14,863	8,522
Bromley	4,921	4,234	830	-6,906
Camden	27,583	27,473	16,327	-4,800
Croydon	17,178	17,544	11,488	-9,187
Ealing	25,690	22,346	19,147	-10,552
Enfield	16,146	16,243	10,363	4,075
Greenwich	6,890	8,107	940	-3,513
Hackney	21,571	21,641	14,919	-67
Hammersmith and Fulham	16,741	17,502	9,043	-935
Haringey	14,306	14,535	4,710	-8,558
Harrow	7,289	6,162	3,589	-7,468
Havering	-5,244	-5,043	-8,252	-6,636
Hillingdon	10,833	10,529	5,635	-13,265
Hounslow	7,947	10,923	3,244	-633
Islington	11,101	11,837	2,287	-2,431
Kensington and Chelsea	20,528	19,580	13,622	-31,411
Kingston upon Thames	14,299	14,003	9,795	-4,649
Lambeth	21,336	22,749	9,570	-9,639
Lewisham	17,941	16,947	8,124	2,937
Merton	19,438	19,415	16,108	-1,972
Newham	31,567	32,590	22,437	4,211
Redbridge	12,410	19,617	7,428	5,015
Richmond upon Thames	11,595	8,938	8,027	-22,799
Southwark	26,326	25,706	17,667	6,158
Sutton	10,787	10,734	8,267	930
Tower Hamlets	35,057	35,536	28,021	9,386
Waltham Forest	6,244	6,474	577	-502
Wandsworth	7,958	7,540	-4,917	-10,706
Westminster	6,465	6,429	-6,421	-63,318
Inner London	261,524	229,242	138,475	-108,358
Outer London	230,813	263,339	143,361	-94,671
Greater London	492,337	492,581	281,836	-203,029

Source: 2001 Census, Office for National Statistics, Crown Copyright

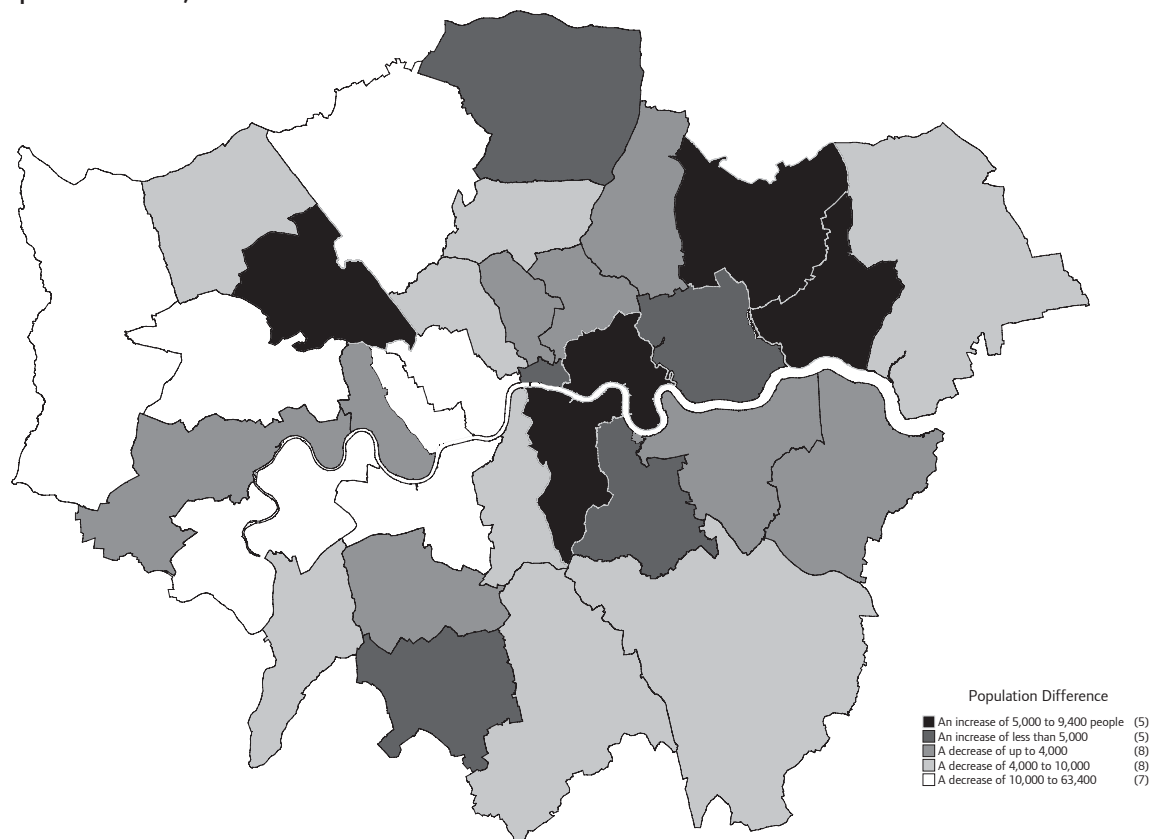
Population Change, 1991 to 2001



Source: 1991 and 2001 Censuses of Population.

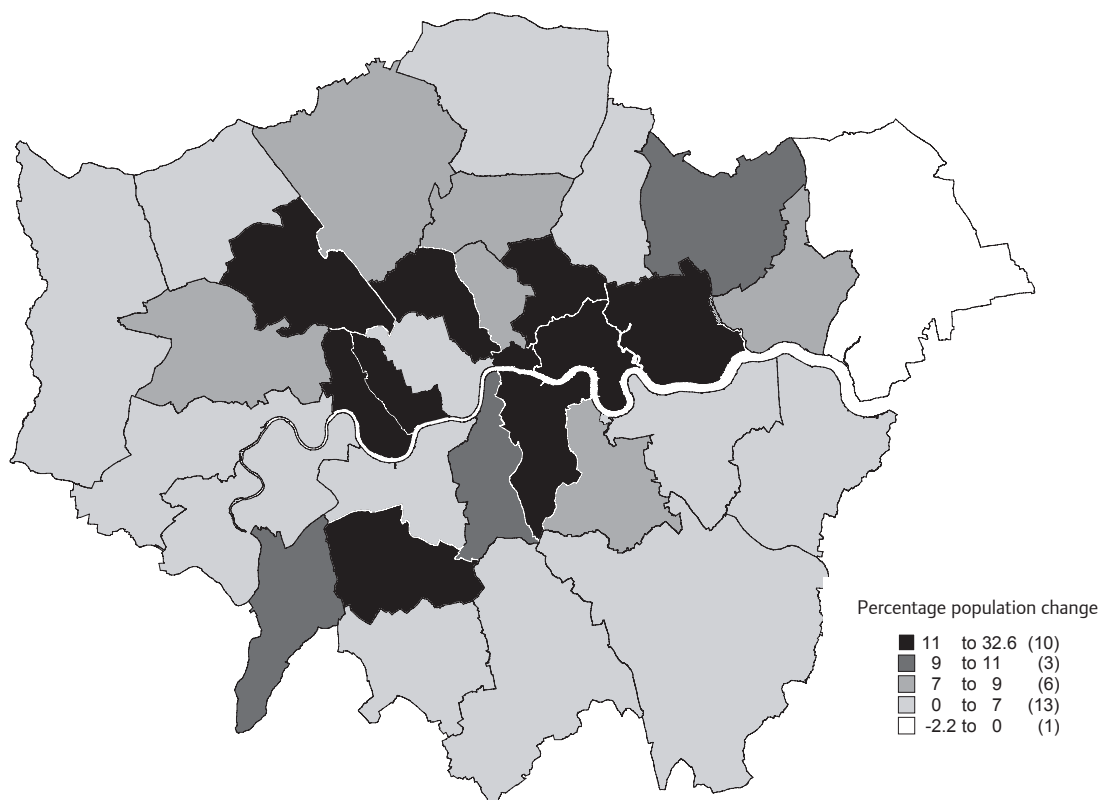
Boundaries are as at 1996 and have not changed since then.

Population Difference, MYE 2000 to 2001 Census



Source: 2000 Mid Year Estimate and 2001 Census of Population.

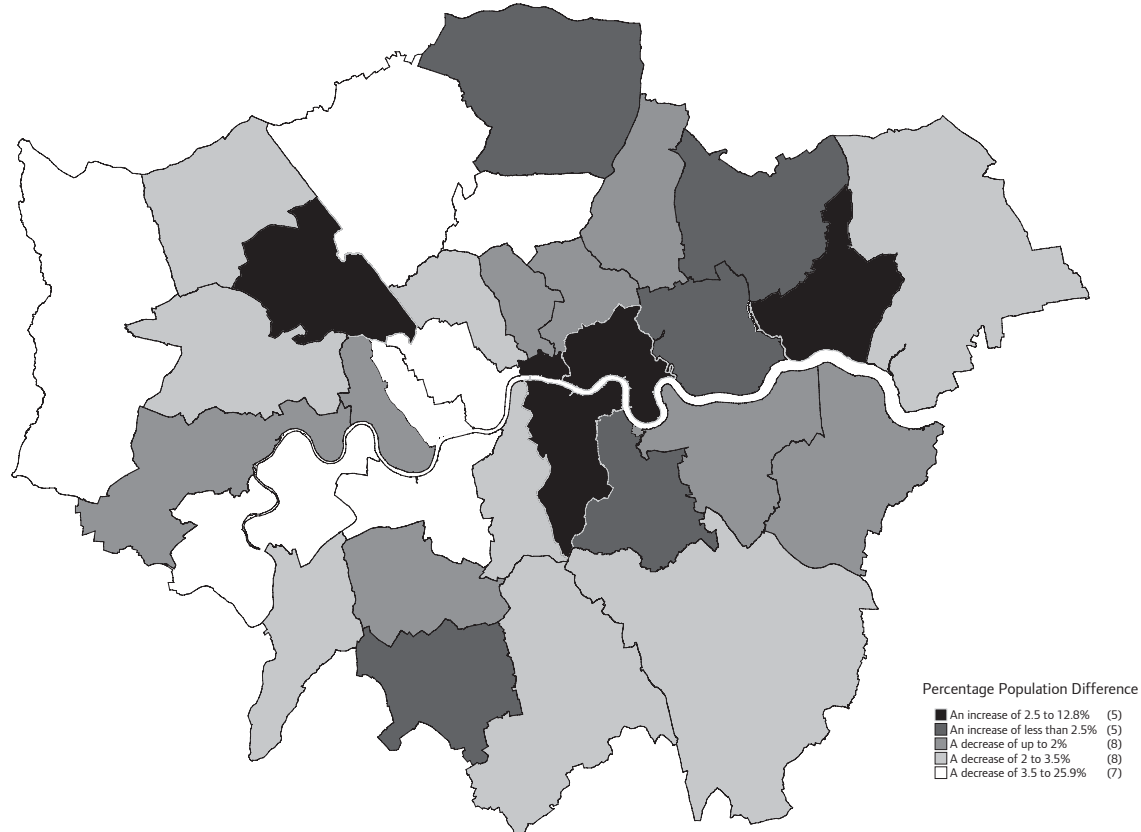
Percentage Population Change, 1991 to 2001



Source: 1991 and 2001 Censuses of Population

Boundaries are as at 1996 and have not changed since then

Percentage Population Difference, MYE 2000 to 2001 Census



Source: 2000 Mid Year Estimate and 2001 Census of Population.

Table 7 Measures of percentage change

	Census 1991-2001	Census 1991-2001	MYE 1991/ 2001 Census change	2001 Census/ 2000 MYE difference
Borough	Percentage change <i>(1991 boundaries)</i>	Percentage change <i>(1996 boundaries)</i>	change <i>(1991 boundaries)</i>	difference
City of London	73.5	32.6	75.3	12.8
Barking and Dagenham	14.1	7.1	12.1	5.1
Barnet	7.2	7.1	4.9	-9.0
Bexley	1.2	1.1	-0.5	-1.0
Brent	8.4	11.1	6.0	3.3
Bromley	1.7	1.5	0.3	-2.3
Camden	16.2	16.1	9.0	-2.4
Croydon	5.5	5.6	3.6	-2.7
Ealing	9.3	8.0	6.8	-3.4
Enfield	6.3	6.3	3.9	1.5
Greenwich	3.3	3.9	0.4	-1.6
Hackney	11.9	11.9	7.9	0.0
Hammersmith and Fulham	11.3	11.8	5.8	-0.6
Haringey	7.1	7.2	2.2	-3.8
Harrow	3.6	3.1	1.8	-3.5
Havering	-2.3	-2.2	-3.5	-2.9
Hillingdon	4.7	4.5	2.4	-5.2
Hounslow	3.9	5.4	1.6	-0.3
Islington	6.7	7.2	1.3	-1.4
Kensington and Chelsea	14.8	14.1	9.4	-16.5
Kingston upon Thames	10.8	10.5	7.1	-3.1
Lambeth	8.7	9.3	3.7	-3.5
Lewisham	7.8	7.3	3.4	1.2
Merton	11.5	11.5	9.4	-1.0
Newham	14.9	15.4	10.1	1.8
Redbridge	5.5	9.0	3.2	2.1
Richmond upon Thames	7.2	5.5	4.9	-11.7
Southwark	12.0	11.7	7.8	2.6
Sutton	6.4	6.4	4.8	0.5
Tower Hamlets	21.8	22.1	16.7	5.0
Waltham Forest	2.9	3.1	0.3	-0.2
Wandsworth	3.2	3.0	-1.9	-3.9
Westminster	3.7	3.7	-3.4	-25.9
Inner London	10.4	10.5	5.3	-3.8
Outer London	5.5	5.5	3.4	-2.1
Greater London	7.4	7.4	4.1	-2.8

Source: 2001 Census, Office for National Statistics, Crown Copyright

Figure 1 Population change between the 1991 Census (using 1991 boundaries) and the 2001 Census

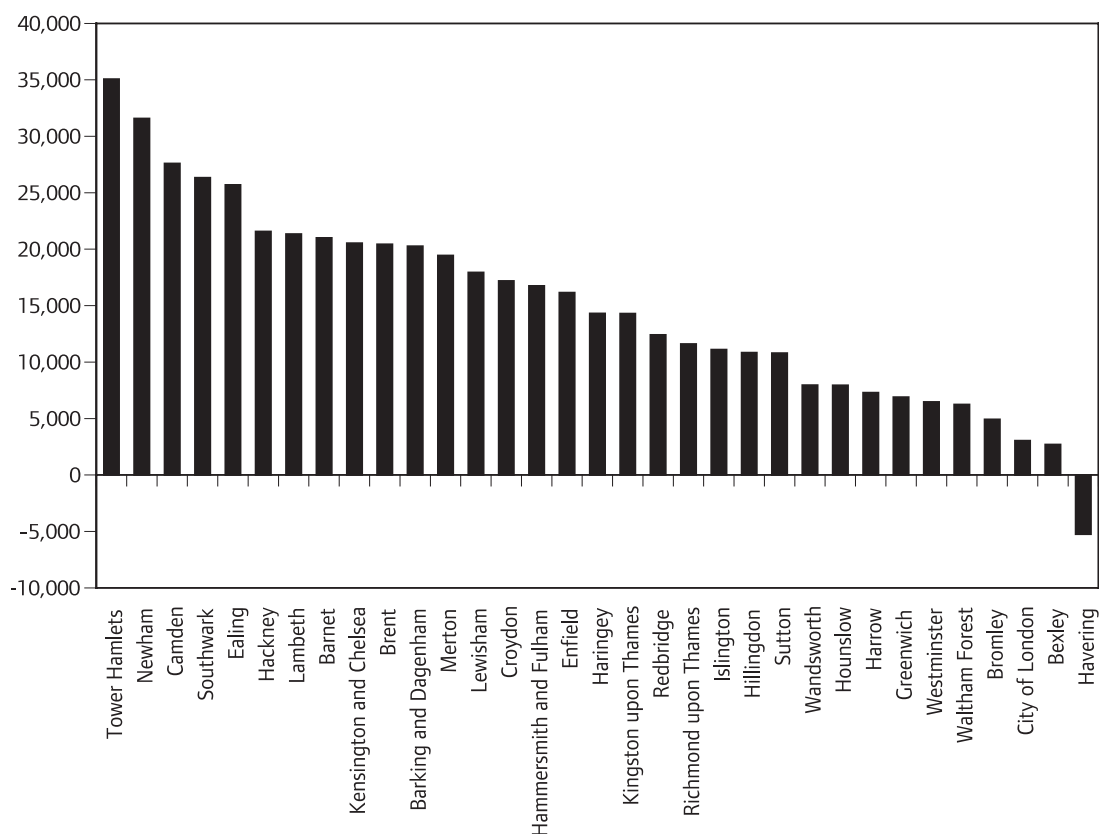


Figure 2 Population change between the 1991 Mid-Year Estimates (using 1991 boundaries) and the 2001 Census

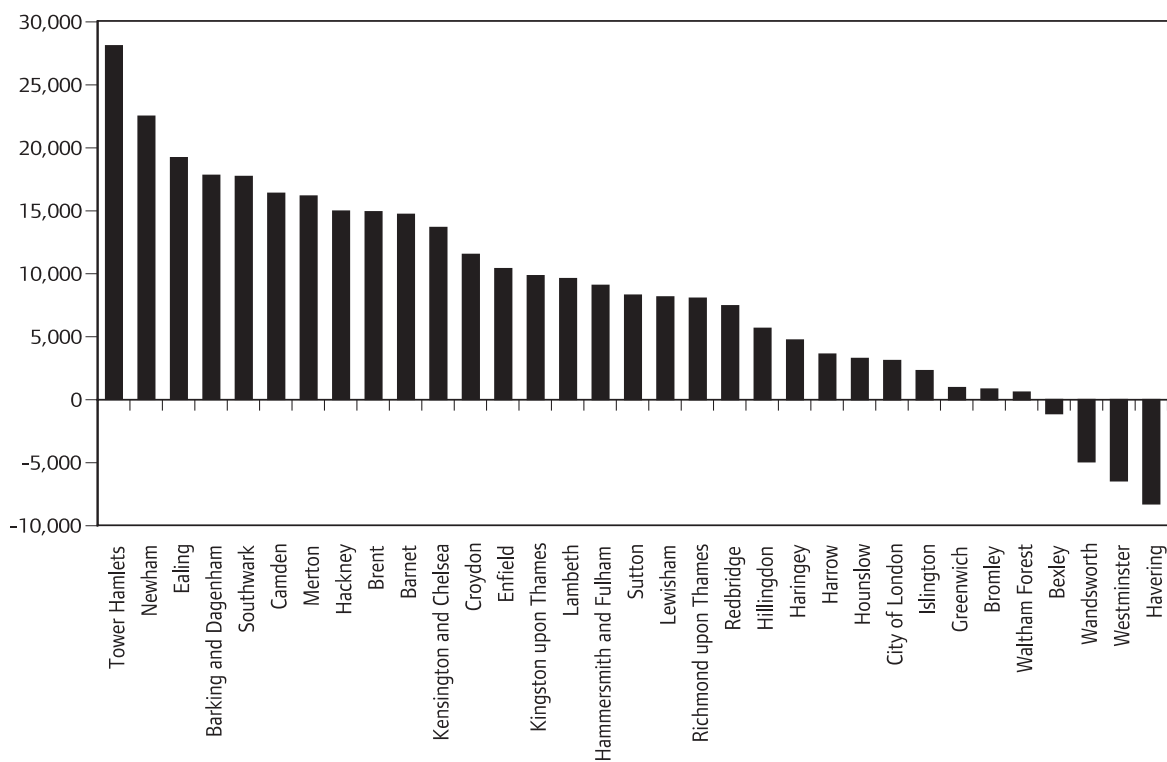


Figure 3 Difference in population between the 2000 Mid-Year Estimates and the 2001 Census

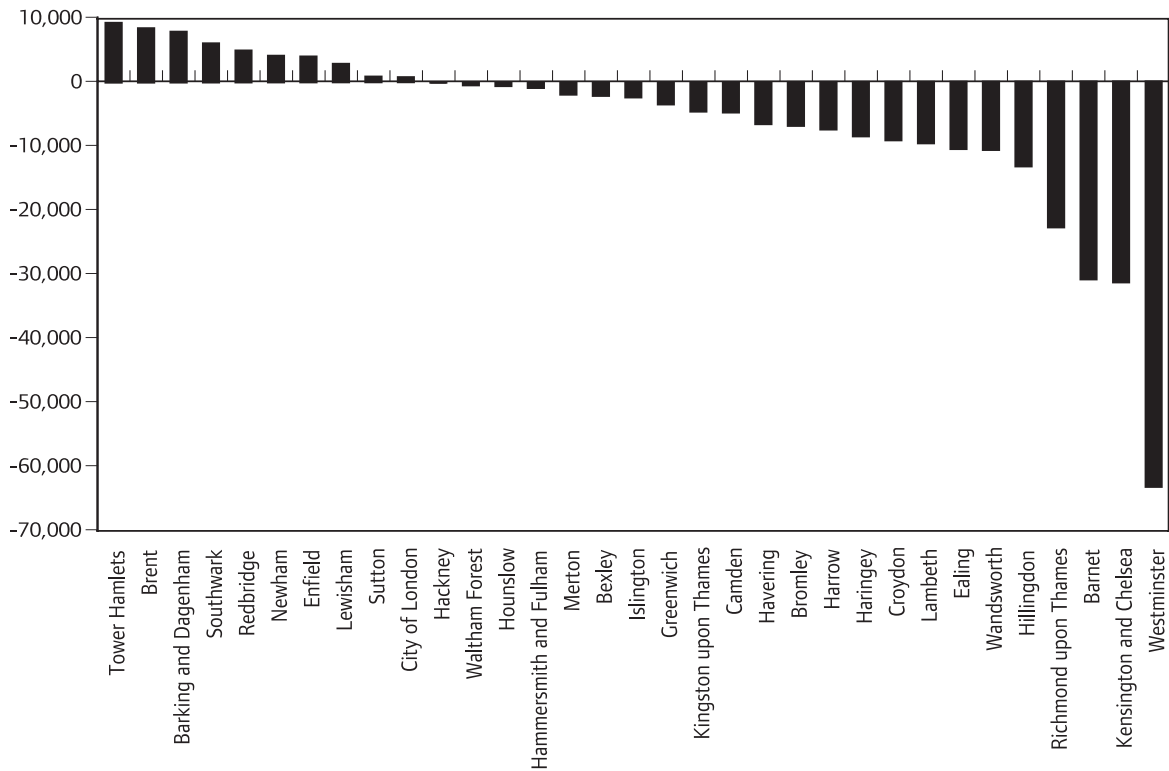


Figure 4 Percentage change between the 1991 Census (1996 boundaries) and the 2001 Census

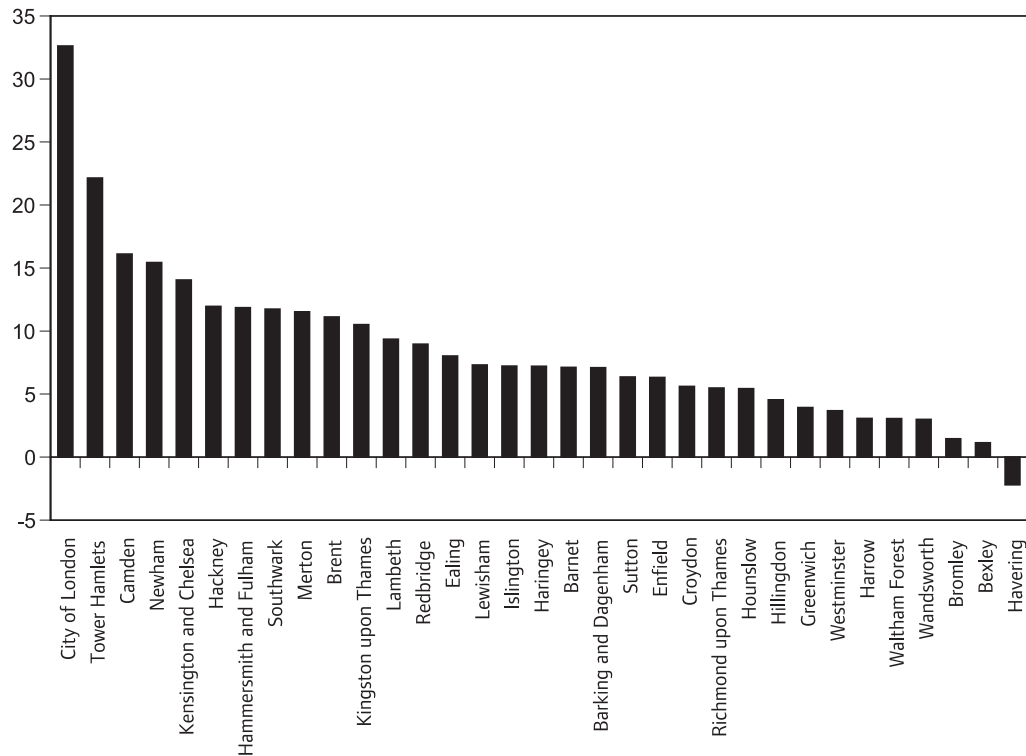


Figure 5 Percentage change between the 1991 mid-year estimates and 2001 Census
(excluding City of London at +75%)

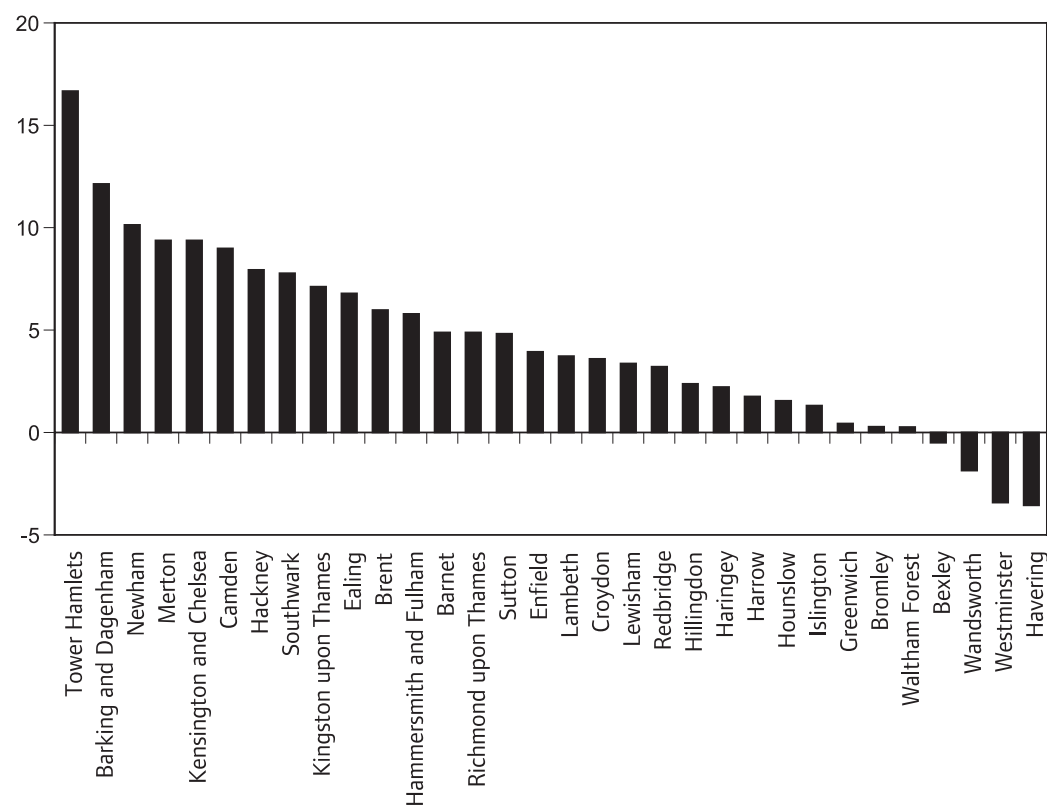
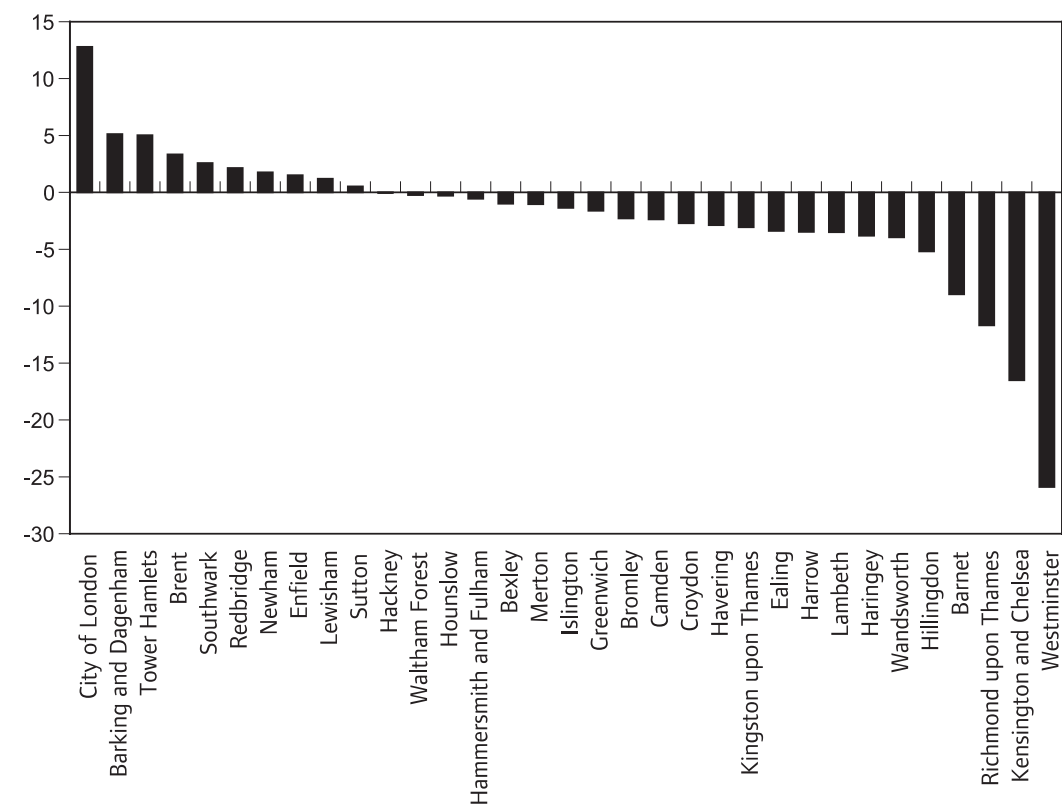


Figure 6 Percentage difference in population between the 2000 Mid-Year Estimates and the 2001 Census



Density

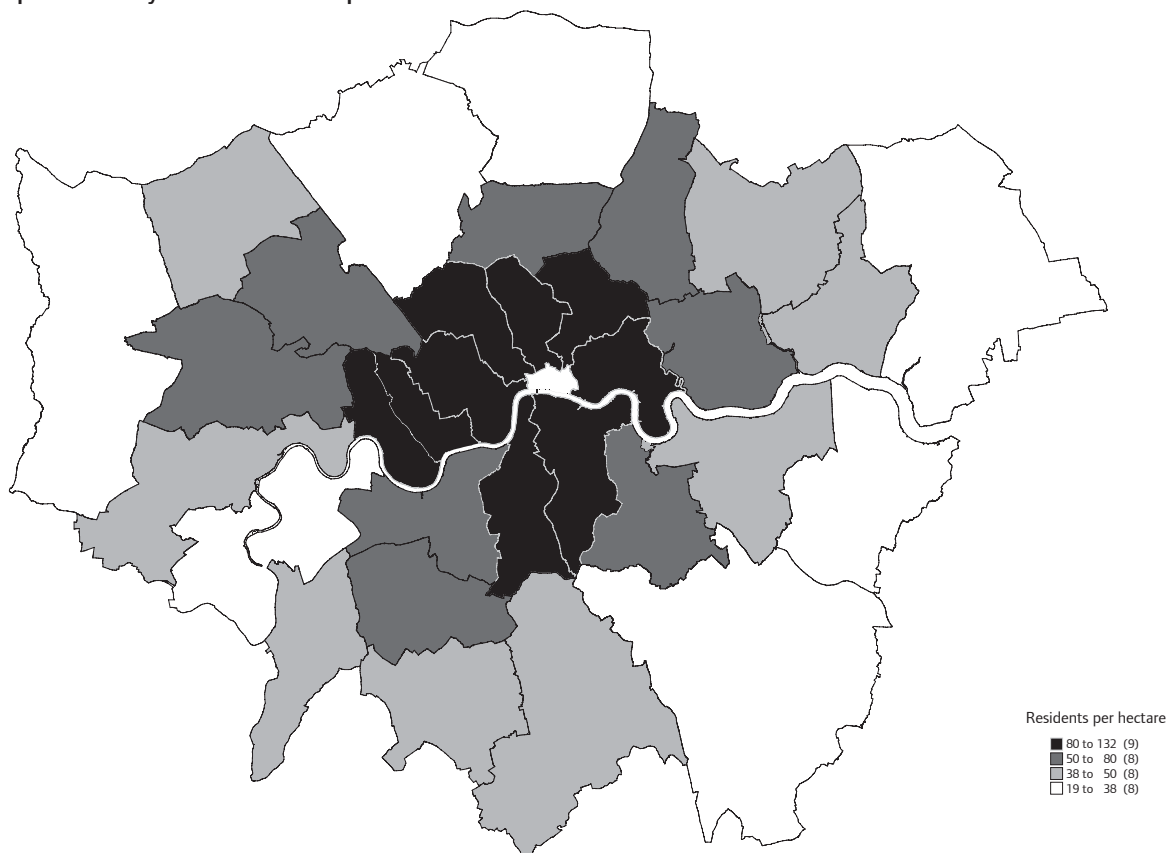
The 10 most densely populated local authority districts in the UK are all in Inner London.

Table 8 Persons per square kilometre

1	Kensington and Chelsea	13,244
2	Islington	11,719
3	Hammersmith and Fulham	10,328
4	Hackney	10,141
5	Lambeth	9,858
6	Tower Hamlets	9,806
7	Camden	9,001
8	Southwark	8,444
9	Westminster	7,539
10	Wandsworth	7,440

It is unclear at this stage how this has been calculated. The map below uses the more usual measure of persons per hectare. This should not affect the national rankings.

Population density: number of residents per hectare



Source: 2001 Census of Population, released 30th September 2002.
The areas were calculated by MapInfo, the package used to produce these maps.

Coverage

ONS have published response rates on their website. These are measures of the percentage of people estimated to have been included on a Census form. In England and Wales 94 per cent of people were included on a Census form. Of the remainder 4 per cent were thought to be from identified households and 2 per cent from wholly missed households.

These response rates are lower than we had expected, but there is more information available than anticipated at this stage. More work will be done looking at response rates by age and sex and a further briefing will be produced on this topic.

The figures for London could be regarded as another shock measure - with the lowest response rate being 64 per cent in Kensington and Chelsea. Havering had the highest response rate with 97 per cent of people included on a Census form.

The map below illustrates the different response rates and Table 9 gives the statistics.

Percentage Response Rate



Source: 2001 Census of Population, released 30th September 2002.

Table 9 Percentage of people included on a Census form

Area	%		
	Persons	Males	Females
City of London	74	74	74
Barking and Dagenham	86	86	86
Barnet	90	89	90
Bexley	96	96	96
Brent	79	79	80
Bromley	94	93	95
Camden	77	76	77
Croydon	87	86	88
Ealing	85	84	86
Enfield	89	89	90
Greenwich	86	85	86
Hackney	72	71	73
Hammersmith and Fulham	76	75	77
Haringey	83	83	84
Harrow	92	91	92
Havering	97	96	97
Hillingdon	93	93	92
Hounslow	91	90	92
Islington	78	77	78
Kensington and Chelsea	64	64	65
Kingston upon Thames	91	90	93
Lambeth	79	77	81
Lewisham	81	79	83
Merton	88	87	89
Newham	80	78	81
Redbridge	87	86	88
Richmond Upon Thames	93	92	94
Southwark	77	75	79
Sutton	94	93	95
Tower Hamlets	76	75	76
Waltham Forest	88	86	89
Wandsworth	89	88	90
Westminster	74	74	75
Inner London	78	77	79
Outer London	90	89	90
Greater London	85	84	86
England and Wales	94	93	94

Source: ONS

Table 10 Summary - population from various sources

	1991 Census (1991 boundaries)	1991 Census (1996 boundaries)	1991 MYE	2,000 MYE	2,001 Census
City of London	4,142	5,419	4,100	6,371	7,186
Barking and Dagenham	143,681	153,101	146,200	155,962	163,944
Barnet	293,564	293,660	299,900	345,492	314,561
Bexley	215,615	215,874	219,400	220,489	218,307
Brent	243,025	237,117	248,600	254,941	263,463
Bromley	290,609	291,296	294,700	302,436	295,530
Camden	170,444	170,554	181,700	202,827	198,027
Croydon	313,510	313,144	319,200	339,875	330,688
Ealing	275,257	278,601	281,800	311,499	300,947
Enfield	257,417	257,320	263,200	269,488	273,563
Greenwich	207,650	206,433	213,600	218,053	214,540
Hackney	181,248	181,178	187,900	202,886	202,819
Hammersmith and Fulham	148,502	147,741	156,200	166,178	165,243
Haringey	202,204	201,975	211,800	225,068	216,510
Harrow	200,100	201,227	203,800	214,857	207,389
Havering	229,492	229,291	232,500	230,884	224,248
Hillingdon	231,602	231,906	236,800	255,700	242,435
Hounslow	204,397	201,421	209,100	212,977	212,344
Islington	164,686	163,950	173,500	178,218	175,787
Kensington and Chelsea	138,394	139,342	145,300	190,333	158,922
Kingston upon Thames	132,996	133,292	137,500	151,944	147,295
Lambeth	244,834	243,421	256,600	275,809	266,170
Lewisham	230,983	231,977	240,800	245,987	248,924
Merton	168,470	168,493	171,800	189,880	187,908
Newham	212,170	211,147	221,300	239,526	243,737
Redbridge	226,218	219,011	231,200	233,613	238,628
Richmond upon Thames	160,732	163,389	164,300	195,126	172,327
Southwark	218,541	219,161	227,200	238,709	244,867
Sutton	168,880	168,933	171,400	178,737	179,667
Tower Hamlets	161,064	160,585	168,100	186,735	196,121
Waltham Forest	212,033	211,803	217,700	218,779	218,277
Wandsworth	252,425	252,843	265,300	271,089	260,383
Westminster	174,814	174,850	187,700	244,597	181,279
Inner London	2,504,451	2,504,143	2,627,500	2,874,333	2,765,975
Outer London	4,175,248	4,175,312	4,262,700	4,500,732	4,406,061
Greater London	6,679,699	6,679,455	6,890,200	7,375,065	7,172,036

Source: Office for National Statistics, General Register Office for Scotland and Northern Ireland Statistics and Research Agency. © Crown Copyright 2001. All extracts from ONS data are Crown Copyright and are reproduced by permission.

The Boroughs of London (The boundaries are as at April 2001)

