

GREATER**LONDON**AUTHORITY

Data Management and Analysis Group

**ONS Mid-year Population
Estimates:
2001, 2002 (revised) and 2003**

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ONS Mid-year Population Estimates: 2001 and 2002 (revised) and 2003

Summary

ONS released revised mid-2001 and mid-2002 estimates along with mid-2003 estimates for local authorities in England & Wales on the 9th September 2004.

In London, the impact of the revisions is to increase the 2001 population by 14,500 to 7,322,400, and the 2002 population by 15,800 to 7,371,200. This leads to a slight increase in the estimated growth between 2001 and 2002 to 48,800.

The mid-2003 estimate for London is 7,387,900, breaking down to 3,648,000 males and 3,739,800 females. The overall rise of 16,700, 0.23%, is the smallest annual increase for eight years. Between 2002 and 2003 the population of England and Wales increased by 223,500 (0.43%).

The increases in London are concentrated within the Central boroughs (Camden, City of London, Kensington & Chelsea and Westminster) – an increase of 17,600, 2.95%, since 2002. The rest of the Inner boroughs saw a fall of 5,100, (-0.22%) and the Outer boroughs increased by under 0.1%, or 3,900. In Inner London, the largest increase is 7,600 in Westminster and the largest decrease is 3,600 in Lewisham. The changes in Outer London are of smaller magnitude: the largest increase is 2,700 in both Redbridge and Richmond upon Thames, and the largest decrease is in Ealing, at 2,800.

The revised estimates for 2001 are the second alteration following the large increases in the data released in September 2003. ONS anticipate that this will be the final retrospective revision to figures for 2001

The first revision of the 2001-mid year estimates (September 2003)

Following the results of the 2001 Census, ONS began to investigate the significant differences between the 2001 Census based estimates and rolled forward estimates based on previous censuses. It came to light after considerable research that males aged 25-34 and to a lesser extent males aged 35-49 were underestimated in the 2001 Census, and hence in the mid-2001 population estimates. Given the findings of research, ONS revised the mid-2001 population estimates and added 192,600 to the population of England & Wales.

ONS state that revisions were made for four separate reasons:

- 1) to add men who were not measured as usually resident by the Census;
- 2) to make a small addition to the base for unprocessed Census forms;
- 3) to update Census base between September 2002 and February 2003; and
- 4) to avoid previous double counting between England & Wales and Northern Ireland of some armed forces personnel

Of these, ONS consider the first factor to be the most significant, adding in 187,100 males nationally of whom 160,000 are aged 25 to 34 and the remaining 27,100 are aged 35 to 49. The national total was apportioned to 68 local authorities on the basis of the prevalence of (a) lone parent households (b) two plus person adult non-family households and (c) persons born outside Europe. The revision showed 119,900 persons

were added to the population of Greater London. Of these 85% were males aged 25-34 and 13% were males aged 35-49. Because of the other stated reasons, there were also minor changes in the female population of London, amounting to less than 1.2% of the 119,900 additions.

The second revision of the 2001-mid year estimates (September 2004)

On 8 July 2004, ONS released the results of the Local Authority Population Studies. These studies were designed to improve the population estimates in certain hard-to-count local authorities and the results indicated that further revisions to the mid-2001 estimates should be made in three London boroughs. These were an additional 4,800 in Southwark, 5,000 in Wandsworth and 17,500 in Westminster.

It was estimated by ONS that some of the increases had already been incorporated into the first revision of the 2001 MYE. In order to account for this, and not 'double count' most (28) London boroughs have had their populations reduced in the second revision to 2001. The adjustments made to 2001 due to the Local Authority Population Studies are also incorporated into the revisions to the 2002 mid-year estimates.

The revision of the 2002-mid year estimates (September 2004)

Apart from the revised 2001 estimates following on to be the base of the calculation of the 2002 estimates, ONS also decided to discontinue their use of 'unattributable population change' (UPC) in the calculations. UPC was calculated as one-tenth of the unaccounted difference between the estimates rolled forward from 1991 and the revised 2001 estimates. ONS had used this in calculating the original 2002 estimates to act as a break upon the sequence of estimates in many authorities becoming increasingly inaccurate through the decade. It was always planned to review the use of UPC as improvements were made to the estimation of migration. While UPC was virtually insignificant for London (1,300) as a whole it was a large influence for many boroughs, for example it was used to reduce the change in Westminster by 6,800 and Kensington & Chelsea by 3,700. It was also used to raise some of the populations of many London boroughs, notably Brent (1,900) and Tower Hamlets (1,700).

The results of ONS choosing to discontinue the use of UPC mean that the changes to the estimates for 2002 are seen as increased growth in boroughs such as Westminster, Kensington & Chelsea, Barnet and Richmond upon Thames. These four boroughs accounted for growth of 22,300 out of a London total of 48,800 in the revised estimates rather than 6,900 out of 47,400 in the estimates released last year.

The 2003-mid year estimates

ONS has not yet released a change analysis for the construction of the 2003 estimates. For London the total growth of 16,700 is the lowest since 1995-96. It is known that births have risen during 2003 and the number of deaths changed little. Therefore natural change would have been nearly 50 thousand persons. However the major shifts have been in migration, where London had a net loss of 110 thousand persons to the rest of the UK. Therefore the net inflow from overseas, plus any other special change factors, must be around 75 thousand, significantly reduced from the 98 thousand in 2001-02. The estimates for 2003 show that London now accounts for 14.82% of the population of England compared to 14.85% in the original 2002 estimates. This is likely to lead to a small negative impact on the allocation of resources to London in the 2005-06 settlement.

National Results

275,500 persons have been added to the original mid-2001 estimate for England and Wales: 192,600 of these were in the first revision and 82,900 in the second. The mid-2001 estimate for England & Wales is now 52,360,000.

An additional 114,900 persons in England and Wales have been added to the original mid-2002 estimates, bringing the 2002 population to 52,570,200.

Between 2002 and 2003 the population of England and Wales is estimated to have increased by a further 223,500 (0.43%) to 52,793,700. The largest increase, 40,500, was in the East of England, which accounts for 18.1% of the total.

Table 1: Mid-Year Population Estimates by Borough

	Mid-Year Estimates						2003
	1991	2001 original	2001 revision 1	2001 revision 2	2002 original	2002 revision 1	
Borough							
Camden	180,708	198,432	203,002	202,600	207,008	207,000	210,700
City of London	5,361	7,216	7,377	7,400	7,807	7,700	8,000
Hackney	184,956	203,352	207,789	207,200	210,213	208,900	208,400
Hammersmith and Fulham	153,794	165,476	169,851	169,400	173,324	172,700	174,200
Haringey	207,034	216,809	221,856	221,300	225,124	224,300	224,700
Islington	171,754	176,103	179,821	179,400	181,013	180,200	180,100
Kensington and Chelsea	143,626	159,147	162,621	162,200	165,069	168,400	174,400
Lambeth	254,990	266,791	274,200	273,400	271,869	271,100	268,500
Lewisham	240,233	249,451	254,886	254,300	253,816	251,900	248,300
Newham	216,251	244,291	250,098	249,400	254,041	251,800	250,600
Southwark	227,246	245,416	251,060	256,700	251,307	255,400	253,800
Tower Hamlets	166,326	196,630	201,645	201,100	206,825	204,600	206,600
Wandsworth	261,976	260,847	267,492	271,700	269,290	273,500	274,100
Westminster	185,032	181,691	186,392	203,300	190,631	214,400	222,000
Barking and Dagenham	155,487	164,346	165,851	165,700	167,302	165,900	165,900
Barnet	297,676	315,267	320,082	319,500	320,384	322,300	324,400
Bexley	218,075	218,756	218,757	218,800	218,762	218,600	219,100
Brent	240,813	263,805	270,434	269,600	272,448	269,700	267,800
Bromley	293,491	296,155	296,218	296,200	296,830	297,100	298,300
Croydon	315,868	331,530	335,653	335,100	336,583	335,900	336,700
Ealing	283,782	301,553	308,072	307,300	308,419	307,800	305,000
Enfield	260,133	274,343	277,719	277,300	281,775	280,000	280,300
Greenwich	210,865	215,238	217,805	217,500	221,431	221,100	223,700
Harrow	203,013	207,988	210,456	210,000	211,618	211,300	210,700
Havering	230,923	224,720	224,717	224,700	224,211	224,500	224,600
Hillingdon	234,384	243,052	245,930	245,600	246,546	246,800	247,600
Hounslow	203,917	212,668	216,445	216,000	216,644	215,400	212,900
Kingston upon Thames	136,062	147,625	149,255	149,000	150,161	150,100	150,400
Merton	170,924	188,348	191,488	191,100	192,273	191,700	191,400
Redbridge	221,999	239,329	242,285	241,900	244,016	242,400	245,100
Richmond upon Thames	166,629	172,808	174,538	174,300	174,449	176,500	179,200
Sutton	170,093	180,174	181,644	181,500	180,940	180,200	178,500
Waltham Forest	215,893	218,649	222,472	222,000	223,225	221,900	221,600
Grouped Boroughs*							
Central Boroughs	514,727	546,486	559,392	575,500	570,515	597,500	615,100
Rest of Inner Boroughs	2,084,560	2,225,166	2,278,698	2,283,900	2,296,822	2,294,400	2,289,300
Inner Boroughs	2,599,287	2,771,652	2,838,090	2,859,400	2,867,337	2,891,900	2,904,600
Outer Boroughs	4,230,027	4,416,354	4,469,821	4,463,000	4,488,017	4,479,400	4,483,300
Greater London	6,829,314	7,188,006	7,307,911	7,322,400	7,355,354	7,371,200	7,387,900

* Central Boroughs - Camden, City of London, Kensington and Chelsea, Westminster

Rest of Inner Boroughs - Hackney, Hammersmith and Fulham, Haringey, Islington, Lambeth, Lewisham, Newham, Southwark, Tower Hamlets, Wandsworth

Outer Boroughs - Barking and Dagenham, Barnet, Bexley, Brent, Bromley, Croydon, Ealing, Enfield, Greenwich, Harrow, Havering, Hillingdon, Hounslow,

Kingston upon Thames, Merton, Redbridge, Richmond upon Thames, Sutton, Waltham Forest

Table 2: Mid-Year Population Estimate Changes by Borough

Borough	Changes on data since revised			Changes on CURRENT data			% changes on CURRENT data		
	2001 Orig - 2001 r1 -	2002 Orig -	2002 r1 -	1991-	2001 r2 -	2002 r1 -	1991-	2001 r2 -	2002 r1 -
	2001 r1	2001 r2	2002 r1	2001 r2	2002 r1	2003	2001 r2	2002 r1	2003
Borough									
Camden	4,570	-402	-8	21,892	4,400	3,700	12.11	2.17	1.79
City of London	161	23	-107	2,039	300	300	38.03	4.05	3.90
Hackney	4,437	-589	-1,313	22,244	1,700	-500	12.03	0.82	-0.24
Hammersmith and Fulham	4,375	-451	-624	15,606	3,300	1,500	10.15	1.95	0.87
Haringey	5,047	-556	-824	14,266	3,000	400	6.89	1.36	0.18
Islington	3,718	-421	-813	7,646	800	-100	4.45	0.45	-0.06
Kensington and Chelsea	3,474	-421	3,331	18,574	6,200	6,000	12.93	3.82	3.56
Lambeth	7,409	-800	-769	18,410	-2,300	-2,600	7.22	-0.84	-0.96
Lewisham	5,435	-586	-1,916	14,067	-2,400	-3,600	5.86	-0.94	-1.43
Newham	5,807	-698	-2,241	33,149	2,400	-1,200	15.33	0.96	-0.48
Southwark	5,644	5,640	4,093	29,454	-1,300	-1,600	12.96	-0.51	-0.63
Tower Hamlets	5,015	-545	-2,225	34,774	3,500	2,000	20.91	1.74	0.98
Wandsworth	6,645	4,208	4,210	9,724	1,800	600	3.71	0.66	0.22
Westminster	4,701	16,908	23,769	18,268	11,100	7,600	9.87	5.46	3.54
Barking and Dagenham	1,505	-151	-1,402	10,213	200	0	6.57	0.12	0.00
Barnet	4,815	-582	1,916	21,824	2,800	2,100	7.33	0.88	0.65
Bexley	1	43	-162	725	-200	500	0.33	-0.09	0.23
Brent	6,629	-834	-2,748	28,787	100	-1,900	11.95	0.04	-0.70
Bromley	63	-18	270	2,709	900	1,200	0.92	0.30	0.40
Croydon	4,123	-553	-683	19,232	800	800	6.09	0.24	0.24
Ealing	6,519	-772	-619	23,518	500	-2,800	8.29	0.16	-0.91
Enfield	3,376	-419	-1,775	17,167	2,700	300	6.60	0.97	0.11
Greenwich	2,567	-305	-331	6,635	3,600	2,600	3.15	1.66	1.18
Harrow	2,468	-456	-318	6,987	1,300	-600	3.44	0.62	-0.28
Havering	-3	-17	289	-6,223	-200	100	-2.69	-0.09	0.04
Hillingdon	2,878	-330	254	11,216	1,200	800	4.79	0.49	0.32
Hounslow	3,777	-445	-1,244	12,083	-600	-2,500	5.93	-0.28	-1.16
Kingston upon Thames	1,630	-255	-61	12,938	1,100	300	9.51	0.74	0.20
Merton	3,140	-388	-573	20,176	600	-300	11.80	0.31	-0.16
Redbridge	2,956	-385	-1,616	19,901	500	2,700	8.96	0.21	1.11
Richmond upon Thames	1,730	-238	2,051	7,671	2,200	2,700	4.60	1.26	1.53
Sutton	1,470	-144	-740	11,407	-1,300	-1,700	6.71	-0.72	-0.94
Waltham Forest	3,823	-472	-1,325	6,107	-100	-300	2.83	-0.05	-0.14
Grouped Boroughs*									
Central Boroughs	12,906	16,108	26,985	60,773	22,000	17,600	11.81	3.82	2.95
Rest of Inner Boroughs	53,532	5,202	-2,422	199,340	10,500	-5,100	9.56	0.46	-0.22
Inner Boroughs	66,438	21,310	24,563	260,113	32,500	12,700	10.01	1.14	0.44
Outer Boroughs	53,467	-6,821	-8,617	232,973	16,400	3,900	5.51	0.37	0.09
Greater London	119,905	14,489	15,846	493,086	48,800	16,700	7.22	0.67	0.23

* Central Boroughs - Camden, City of London, Kensington and Chelsea, Westminster

Rest of Inner Boroughs - Hackney, Hammersmith and Fulham, Haringey, Islington, Lambeth, Lewisham, Newham, Southwark, Tower Hamlets, Wandsworth

Outer Boroughs - Barking and Dagenham, Barnet, Bexley, Brent, Bromley, Croydon, Ealing, Enfield, Greenwich, Harrow, Havering, Hillingdon, Hounslow,

Kingston upon Thames, Merton, Redbridge, Richmond upon Thames, Sutton, Waltham Forest

Table 3: Mid-Year Population Estimates by SRDF's, GORs and England and Wales

	Mid-Year Estimates						
	1991	2001 original	2001 revision 1	2001 revision 2	2002 original	2002 revision 1	2003
London Plan Sub-Regions**							
Central London	1,425,332	1,488,427	1,524,588	1,549,300	1,536,187	1,570,000	1,583,600
East London and the Thames Gateway	1,850,476	1,963,329	1,991,210	1,988,000	2,008,424	1,997,400	2,000,300
West London sub-region	1,319,703	1,394,542	1,421,188	1,417,900	1,428,999	1,423,700	1,418,200
North London sub-region	980,736	1,025,068	1,042,129	1,040,100	1,050,508	1,048,500	1,051,000
South London sub-region	1,253,067	1,316,640	1,328,796	1,327,200	1,331,236	1,331,500	1,334,500
Government Office Regions							
North East	2,586,986	2,516,531	2,518,822	2,540,100	2,513,274	2,538,000	2,539,400
North West	6,843,039	6,731,540	6,746,986	6,773,000	6,748,727	6,783,500	6,804,500
Yorkshire and the Humber	4,936,100	4,967,165	4,970,553	4,976,600	4,982,503	4,993,100	5,009,300
East Midlands	4,011,411	4,175,081	4,182,764	4,189,600	4,215,492	4,222,900	4,252,300
West Midlands	5,229,699	5,267,098	5,282,814	5,280,700	5,304,124	5,304,100	5,319,900
East	5,121,052	5,394,860	5,401,270	5,400,500	5,420,360	5,422,400	5,462,900
Greater London	6,829,314	7,188,006	7,307,911	7,322,400	7,355,354	7,371,200	7,387,900
South East	7,629,186	8,006,896	8,021,373	8,023,400	8,037,140	8,044,000	8,080,300
South West	4,688,248	4,934,162	4,937,012	4,943,400	4,959,593	4,967,500	4,999,300
England	47,875,035	49,181,339	49,369,505	49,449,700	49,536,567	49,646,900	49,855,700
Wales	2,872,998	2,903,156	2,907,592	2,910,200	2,918,723	2,923,400	2,938,000
England and Wales	50,748,033	52,084,495	52,277,097	52,360,000	52,455,290	52,570,200	52,793,700

**Central London - Camden, Islington, Kensington and Chelsea, Lambeth, Southwark, Wandsworth, Westminster

East London and the Thames Gateway - Barking and Dagenham, Bexley, City of London, Greenwich, Hackney, Havering, Lewisham, Newham, Redbridge, Tower Hamlets

West London sub-region - Brent, Ealing, Hammersmith and Fulham, Harrow, Hillingdon, Hounslow

North London sub-region - Barnet, Enfield, Haringey, Waltham Forest

South London sub-region - Bromley, Croydon, Kingston-upon-Thames, Merton, Richmond-upon-Thames, Sutton

Changes 1991 to 2001

ONS have stated that the 1991 estimate (February 2003 Revision) will not be further revised, and so it becomes a fixed reference point for the decade. Estimates for 1992 to 2000 will be revised again and released on 7 October 2004.

The latest estimate for Londoners at mid-2001 means that total growth over the decade was 493.1 thousand.

Changes 2001 to 2002

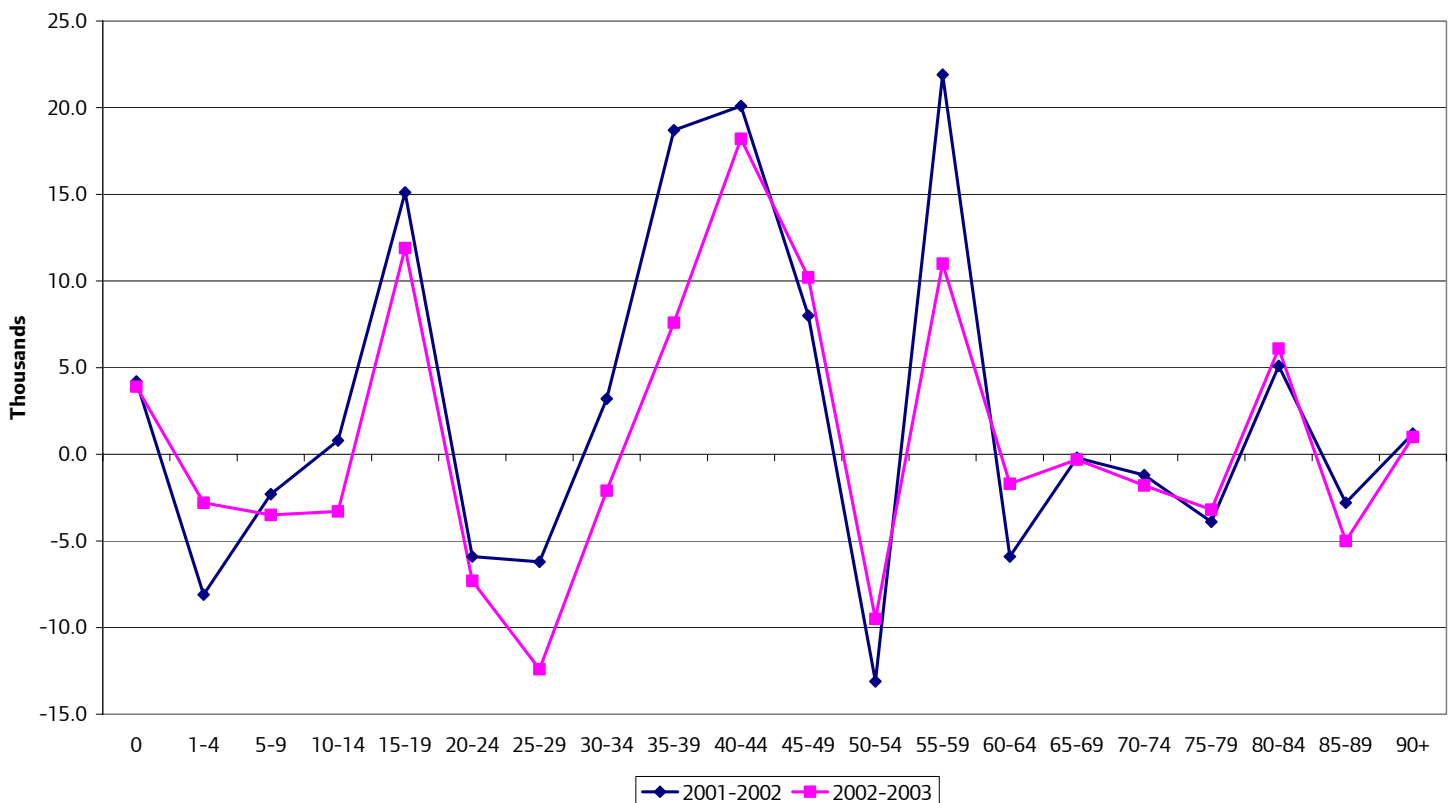
London's growth of 48.8 thousand was the lowest since the change between 1997 and 1998. This is despite 2001-02 having the highest natural change (47.0 thousand) recently recorded.

Changes 2002 to 2003

The growth of 16,700 in 2003 is the lowest for eight years, with particularly low increases for females and the male increase being the lowest for six years. Since 2001 the growth in the male population has been much greater than that for the females; London now has only 91,800 fewer men than women, compared with 236,500 fewer in 1991 and a 128,200 in 2001. This closing of the gender gap is partly as a result of the adjustments made to the mid-year estimates.

The chart below shows the population changes in 2001 to 2002 and 2002 to 2003.

Chart 1: London Population changes 2001 to 2003



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