

Interim borough level employment projections to 2016

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This note presents a set of interim borough level employment projections for 2006, 2011 and 2016. These interim numbers have been calculated using the same 70:30 methodology as for the borough level employment projections used in the *London Plan*¹. Until such time as the new integrated borough level employment projections are released (expected Autumn 2005) these interim numbers should be used for planning and policy purposes within the Greater London Authority (GLA) group. Bodies outside of the GLA group needing employment projections of this sort, can use these figures on the same interim basis.

1. Introduction

In 2002, in order to underpin the *London Plan* with a set of realistic employment projections, Volterra Consulting was commissioned to produce a set of such projections for Greater London as a whole. The results were published in the Spatial Development Strategy (SDS) Technical Report 8². The *London Plan* also required a set of borough level employment projections. These were produced by Roger Tym and Partners and published in the SDS Technical Report 21³. These projections had a start date of 2000. Since 2000, two years of actual data has become available and accordingly it has been possible to update these projections. The London-wide projections have already been updated and published as GLA Economics' *Working Paper 11: Working London*⁴.

GLA Economics has been working on developing a set of borough level employment projections and to that end has commissioned research that projects the distribution of employment across London in accordance with:

- structural trends evident in the boroughs (by Volterra Consulting). This project updates the trend-based set of employment projections produced by Volterra Consulting in 2002 to inform the *London Plan*.
- transport accessibility improvements produced by various transport infrastructure developments that are assumed to come on stream in the near future such as Crossrail (by Colin Buchanan and Partners).
- the availability of current, and the development of new, business sites and related premises (by Roger Tym and Partners). This project involves updating the set of employment projections produced on the basis of site capacity which Roger Tym produced in 2002 to inform the *London Plan*.

¹ GLA, 2004, The London Plan. Available at: www.london.gov.uk/mayor/planning/strategy.jsp

² GLA, July 2002, The Future of Employment in Greater London, SDS Technical Report 8

³ GLA, August 2002, Demand and Supply of Business Space in London, SDS Technical Report 21

⁴ GLA Economics, November 2004, Working London, Employment projections for London by sector, Working Paper 11

The first two of these research projects have been completed. GLA Economics, the GLA's SDS team, the London Development Agency and Transport for London have jointly commissioned the third project by Roger Tym and Partners. This project is underway and is expected to be completed by summer 2005. The GLA will publish the reports from these three research projects in due course.

In order to use all the information contained within the above three research projects, GLA Economics has been working with the GLA group and outside consultants to develop a methodology for combining the projects to produce an integrated set of borough level employment projections. This is not a simple exercise. In addition, GLA Economics are awaiting the results of the study by Roger Tym and Partners. Hence, an integrated set of borough level employment projections are unlikely to be released until autumn 2005. In the meantime various users have a requirement for borough level employment projections for various planning and policy purposes. Thus GLA Economics has decided to issue an interim set of borough level employment projections.

2. Methodology

The borough level employment projections used in the *London Plan* were a weighted average of two sets of projections produced on the basis of:

- structural trends evident in the boroughs
- the availability of site capacity i.e. business premises.

A 70 per cent weight was given to site capacity based projections and a thirty per cent weight was given to the trend-based projections. The details of this approach are set out in SDS Technical Report 21⁵. The same methodology has been followed in producing the set of interim employment projections set out in this current issues note.

The trend-based projections used are the updated set of projections produced by Volterra Consulting referred to above. As the new updated site capacity based projections are not yet available, a set of site capacity based projections based on those produced in 2002 by Roger Tym and Partners to inform the *London Plan* have been used. These 2002 numbers could not be used directly because they sum at the London level to figures in excess of the updated Volterra London-wide projections as set out in GLA Economics' *Working Paper 11*. These new London-wide Volterra projections serve as a London-wide control total. For example in 2016, the 2002 Roger Tym and Partners site capacity based projections sum to 5,120,000, the former control total given by the 2002 Volterra London-wide projections done for the *London Plan*, compared to the new London control total of 5,021,000⁶. Hence the 2002 Roger Tym and Partners site capacity based projections were rescaled to ensure that they

⁵ GLA, August 2002, Demand and Supply of Business Space in London, SDS Technical Report 21

⁶ Both the 2002 and 2004 Volterra London-wide employment projections, which were / are used as control totals for the borough level projections, were produced using the same trend-based methodology. The projections for the London-wide level of employment in 2016 and the change in employment between 2001 and 2016 differ between the two projections in part because of a different 'starting point' for 2001 – the actual level of employment in London in 2001 was 4,522,000 compared to the London Plan projected figure of 4,484,000, and in part because the new data incorporated in the 2004 projections suggested slightly different trends for future London employment.

summed at the London level to the relevant updated London-wide projections produced by Volterra Consulting. These adjusted site capacity based projections were then combined with the updated Volterra trend-based borough level employment projections to produce this set of interim borough level employment projections.

3. Results

The results of this process for individual boroughs are set out in Tables 1 and 2 and for the London sub-regions in Tables 3 and 4.

Table 1: 2005 interim borough level employment projections, employment levels ('000s)

	Actual		Projections		
	2001	2002	2006	2011	2016
Barking and Dagenham	53	51	49	49	47
Barnet	140	134	140	147	155
Bexley	77	76	75	74	75
Brent	115	114	117	118	119
Bromley	114	114	113	112	111
Camden	291	293	301	312	328
City	327	312	346	373	397
Croydon	154	149	151	146	141
Ealing	128	129	126	125	123
Enfield	110	108	112	112	114
Greenwich	77	77	76	77	80
Hackney	99	100	101	103	105
Hammersmith & Fulham	128	129	137	146	156
Haringey	68	71	68	68	69
Harrow	82	81	83	84	86
Havering	88	88	92	94	97
Hillingdon	188	181	185	196	208
Hounslow	142	137	145	149	152
Islington	173	173	180	188	197
Kensington & Chelsea	149	147	151	162	175
Kingston upon Thames	80	76	77	79	82
Lambeth	132	141	143	147	150
Lewisham	76	78	81	82	82
Merton	79	78	79	79	79
Newham	79	78	82	93	100
Redbridge	85	84	85	87	88
Richmond upon Thames	82	80	82	84	87
Southwark	179	173	177	185	193
Sutton	73	72	72	74	76
Tower Hamlets	152	157	192	231	273
Waltham Forest	67	64	61	59	56
Wandsworth	134	136	140	147	154
Westminster	603	598	618	642	665
Greater London	4522	4480	4634	4825	5021

Table 2: 2005 interim borough level employment projections, employment changes

Boroughs	Change (in '000s)		Percentage change	
	2001-16	2002-16	2001-16	2002-16
Barking and Dagenham	-6	-4	-11%	-8%
Barnet	14	21	10%	15%
Bexley	-2	-1	-2%	-2%
Brent	5	6	4%	5%
Bromley	-2	-3	-2%	-2%
Camden	37	35	13%	12%
City	69	85	21%	27%
Croydon	-13	-8	-8%	-5%
Ealing	-4	-6	-4%	-5%
Enfield	4	6	4%	5%
Greenwich	3	3	4%	4%
Hackney	6	4	6%	4%
Hammersmith and Fulham	28	27	22%	21%
Haringey	1	-1	2%	-2%
Harrow	4	6	5%	7%
Havering	9	9	10%	10%
Hillingdon	20	26	10%	14%
Hounslow	10	14	7%	11%
Islington	24	24	14%	14%
Kensington & Chelsea	26	28	17%	19%
Kingston upon Thames	1	5	2%	7%
Lambeth	18	10	14%	7%
Lewisham	7	4	9%	6%
Merton	-1	0	-1%	0%
Newham	22	22	28%	29%
Redbridge	4	5	4%	6%
Richmond upon Thames	4	6	5%	8%
Southwark	14	20	8%	12%
Sutton	3	4	4%	6%
Tower Hamlets	121	116	80%	74%
Waltham Forest	-11	-8	-16%	-12%
Wandsworth	21	18	16%	13%
Westminster	62	67	10%	11%
Greater London	499	541	11%	12%

Table 3: 2005 interim London sub-regions employment projections, employment levels ('000s)

Sub-Region	Actual		Projections		
	2001	2002	2006	2011	2016
Central	1661	1660	1710	1784	1863
West	782	772	792	817	845
North	386	377	381	386	394
East	1110	1101	1179	1263	1344
South	582	571	573	573	576
Greater London	4522	4480	4634	4825	5021

Note: The allocation of boroughs to sub-regions is set out in Appendix 1.

Table 4: 2005 interim London sub-regions employment projections, employment changes

Sub-Region	Change in thousands		Percentage Change	
	2001-16	2002-16	2001-16	2002-16
Central	202	202	12%	12%
West	62	73	8%	9%
North	9	18	2%	5%
East	233	243	21%	22%
South	-6	5	-1%	1%
Greater London	499	541	11%	12%

Note: The allocation of boroughs to sub-regions is set out in Appendix 1.

4. Conclusion

This note has outlined a set of interim borough level employment projections. Until such time as the new integrated borough level employment projections are released (expected autumn 2005) these interim numbers should be used for planning and policy purposes within the GLA group. Bodies outside of the GLA group needing employment projections of this sort, can use these figures on the same interim basis.

Appendix 1: Allocation of boroughs to London sub-regions

Sub-region	Borough
Central	Camden
	Islington
	Kensington and Chelsea
	Lambeth
	Southwark
	Wandsworth
	Westminster
East	Barking and Dagenham
	Bexley
	City
	Greenwich
	Hackney
	Havering
	Lewisham
	Newham
	Redbridge
	Tower Hamlets
West	Brent
	Ealing
	Hammersmith and Fulham
	Harrow
	Hillingdon
	Hounslow
North	Barnet
	Enfield
	Haringey
	Waltham Forest
South	Bromley
	Croydon
	Kingston upon Thames
	Merton
	Richmond upon Thames
	Sutton