Demographic Estimates for London The Truth?

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Outline

- **London: 2001-05**
  - ONS Mid-year Estimates (1991-2005)
  - Unattributable Population Change (UPC)
  - International Passenger Survey / Labour Force Survey
  - New Development
- **London Boroughs: 2001-05**
  - UPC
  - NHS Flag 4 – linked to London IPS/LFS
  - New Development
- **Case Studies**
  - Newham and Westminster
- **Conclusions**

Why?

Credibility

ONS MYEs for London

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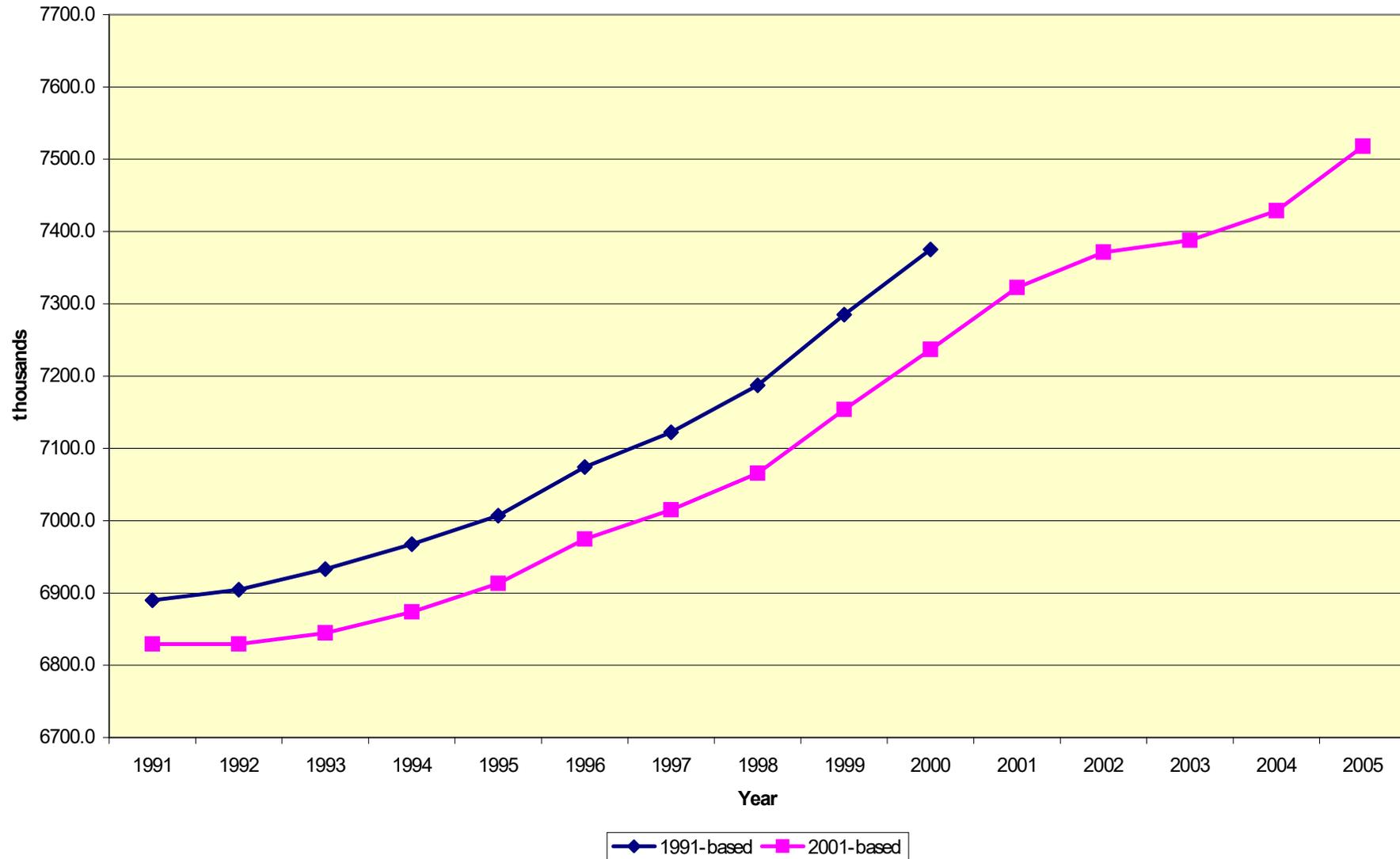
ONS MYE – UPC (1)

- **In 2003 ONS calculated 1991-2001 UPC and used it in the 2002 MYE – average annual unattributable difference**
    - London   -1321
    - Westminster   -6783
    - Brent   +1872

- **Revised UPC taking differences between 1991-based and 2001-based MYE 1991 to 2000 – average annual total difference**
    - London   -8674
    - Westminster   -5047
    - Southwark   +1631

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ONS MYE – UPC (2)

- **Relate Revised UPC to International Passenger Survey flow to London 1991-2000**
  - London   **-0.0650**
  - Westminster   -0.0378
  - Southwark   +0.0122

- **Relate Revised UPC to total international flow to London 1991-2000 (IPS/Eire/AS/VS)**
  - London   **-0.0506**
  - Westminster   -0.0295
  - Southwark   +0.0095

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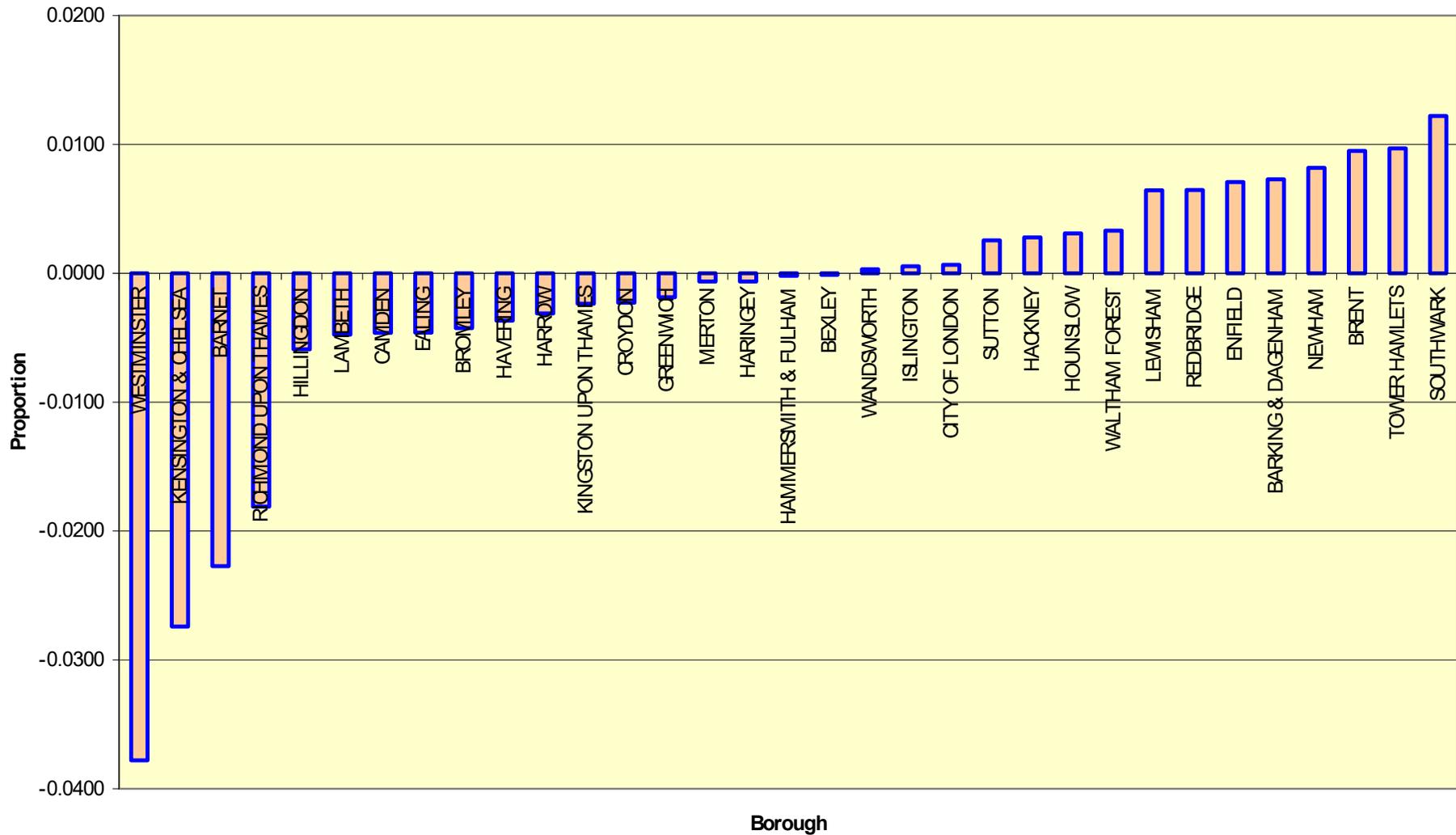
ONS MYE – UPC (3)

- **Apply to International Passenger Survey flow to London 2001-2005**
  - **London**   **-39,100**
  - **Westminster**   **-22,700**
  - **Southwark**   **+7,300**

- **Apply to total international flow to London 2001-2005**
  - **London**   **-40,400**
  - **Westminster**   **-23,500**
 - **Southwark**   **+7,600**

IPS - LFS

- **ONS has shown that distributing IPS inflow to London according to IPS data on intended area of residence is inaccurate**

- **Flows to London as % of UK**
  - **IPS**   **37%**
  - **Census/LFS 31%**

- **But distribution needs to account for age/sex**
  - **1999-2002 suggests that reduction should be about 4.5 percentage points**

- **Apply to IPS flow to London 2001-2005**
  - **London**   **-72,100**

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New Development (1)

- **Three Inputs**
  - GLA/Boroughs London Development Database
  - GLA 2001-based population projections (High, Central, Low)
  - DCLG 2003-based household projections
- **Iterate between GLA populations and DCLG household representative rates until change in households 2001-05 matches the change in new homes**
- **Therefore utilising changing age/gender from GLA work and changing marital status and representive rates from DCLG work**

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New Development (2)

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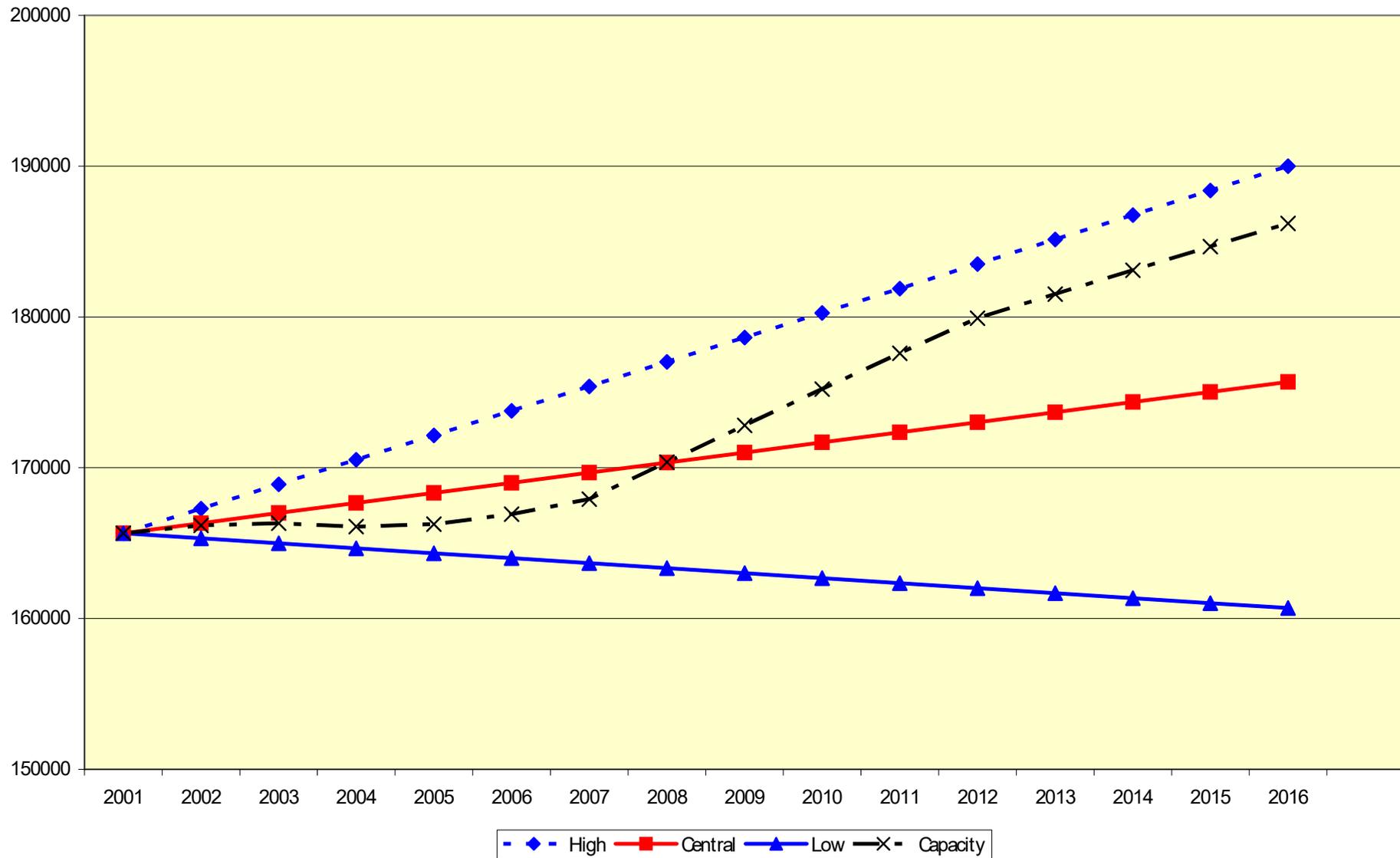
New Development (3)

- **Development 2001-05**
  - **93,900 additional homes**

- **Average household size**
  - **2001   2.381**
  - **2005   2.346**
  - **Reduction not so rapid as in DCLG projections due to different age/gender structure**

- **Change in London population growth 2001-05**
  - **-86,200**

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New Development (4)

|	ONS MYE	GLA Revision			Households	AHS	DCLG AHS
		Total	Communal	Household			
2001	7322.4	7322.4	93.6	7228.8	3036.1	2.381	2.381
2002	7371.2	7339.8	92.1	7247.7	3055.2	2.372	
2003	7387.9	7362.7	90.6	7272.1	3076.8	2.364	2.359
2004	7428.6	7395.6	89.3	7306.3	3102.7	2.355	
2005	7517.7	7431.5	88.0	7343.5	3130.1	2.346	
2006		7461.5	86.6	7374.9	3155.2	2.337	2.327

# London Summary
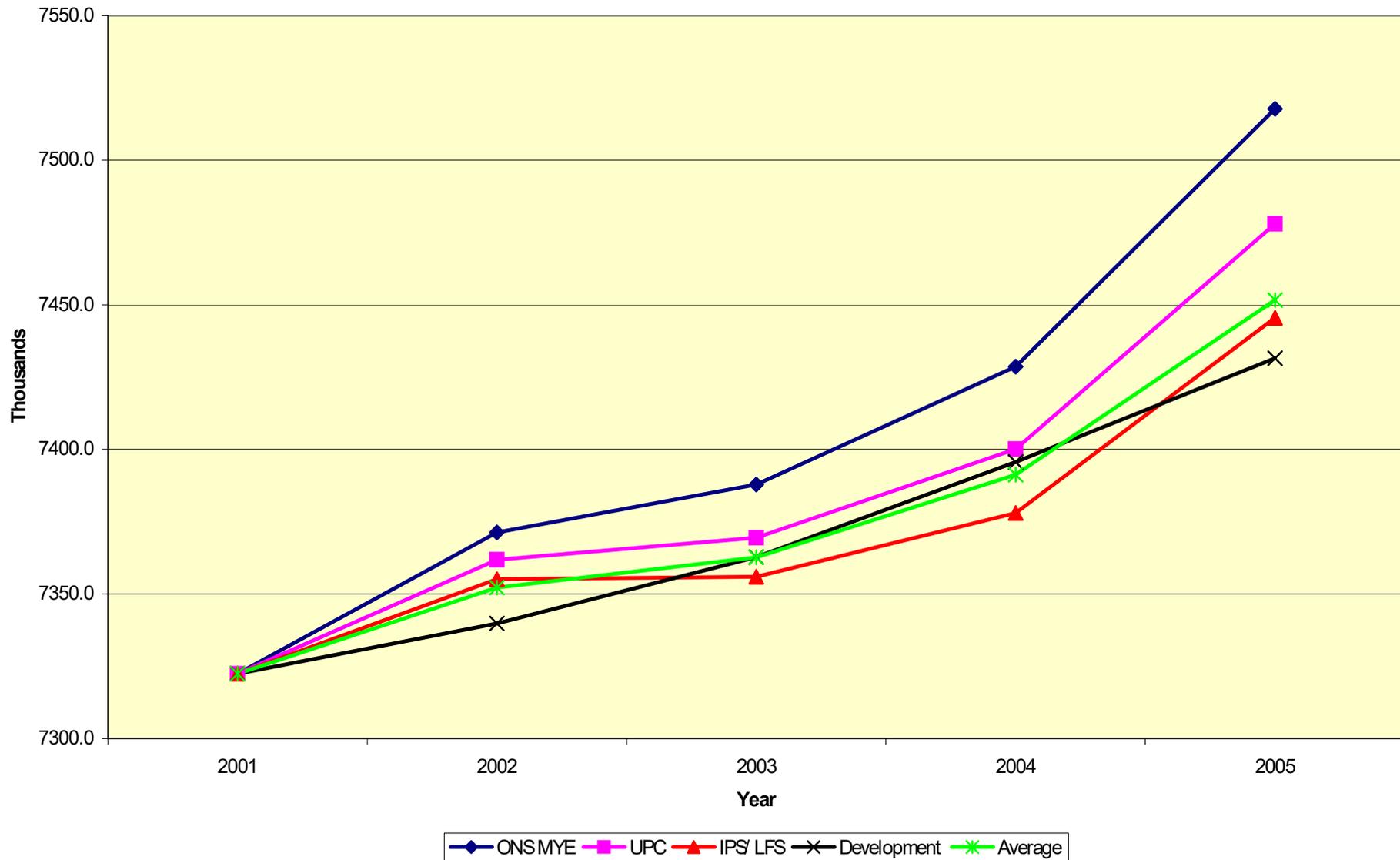
UPC (IPS): Mid-2005 Differences
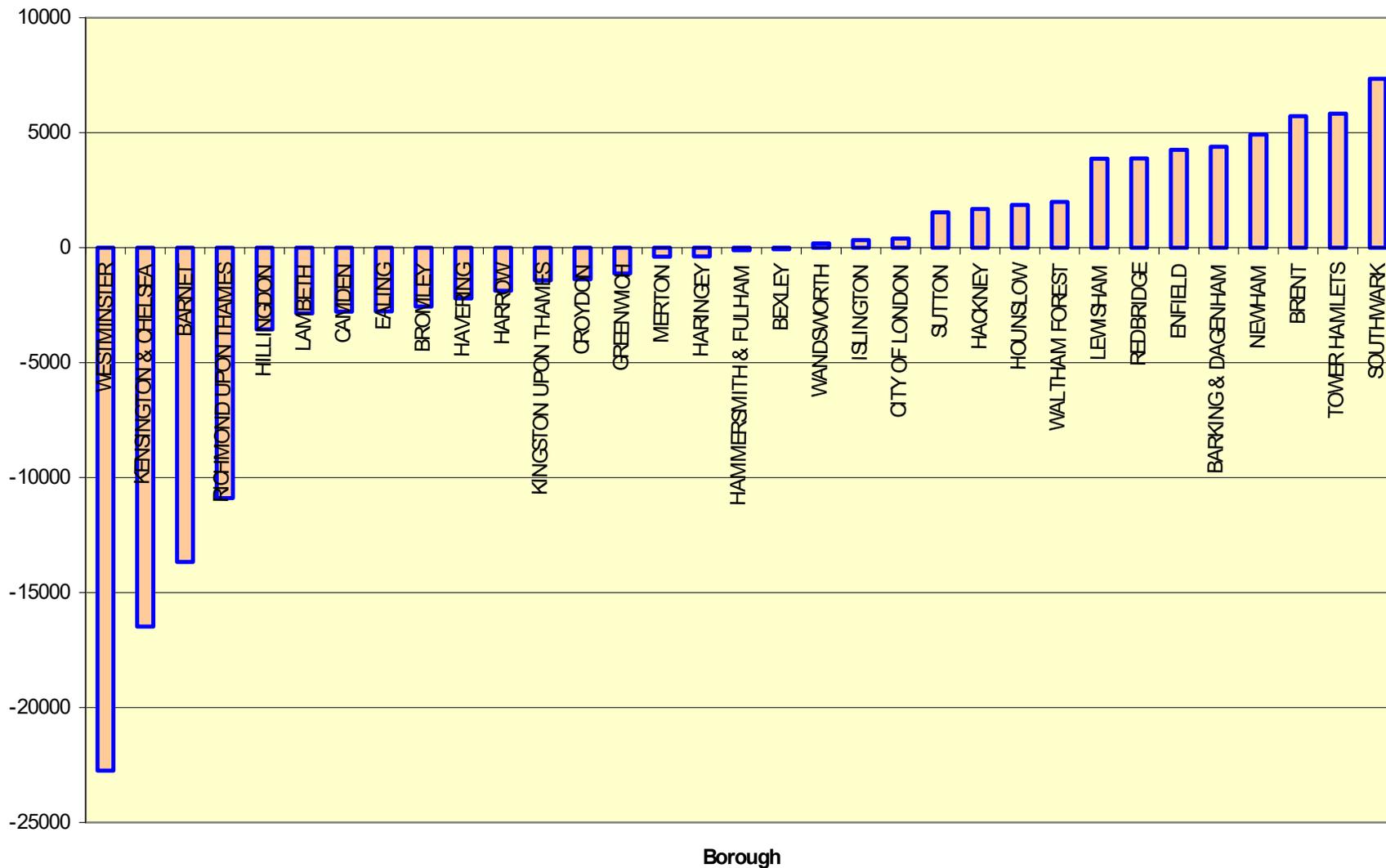
Borough

Boroughs: Flag 4 (1)

- **NHS first registrations from Overseas**

- **Flag 4 lost with onward move**

- **3-month residency before registration**
  - therefore definitional inconsistency

- **Includes all international immigrants – not just IPS**

- **London 2001-05:**
  - **Total International Inflow**   **797.9k (or 725.8k)**
  - **Flag 4**   **704.2k**
  - **Total IPS Inflow**   **601.5k (or 529.3k)**

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Boroughs: Flag 4 (2)

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Flag 4: Mid-2005 Difference

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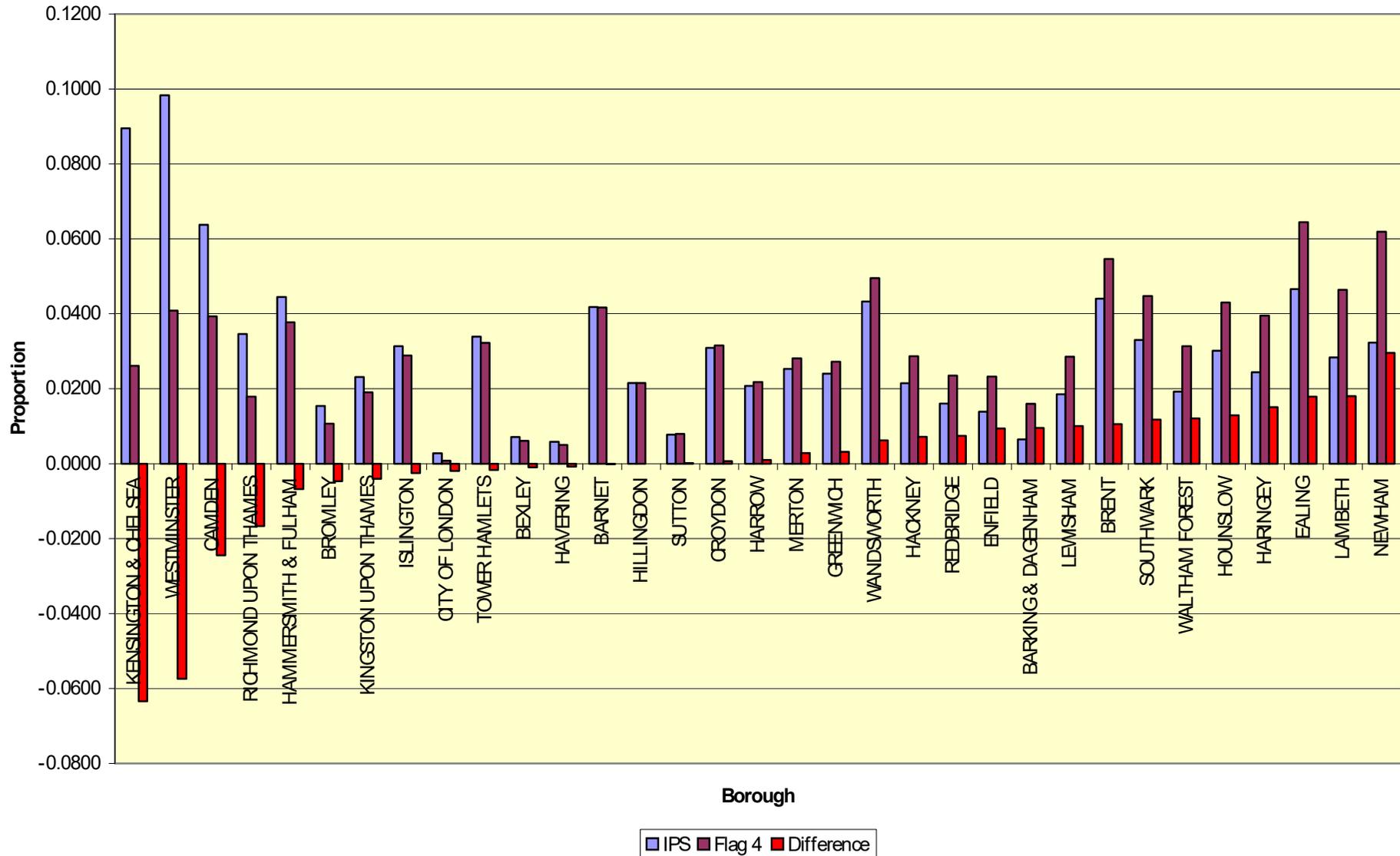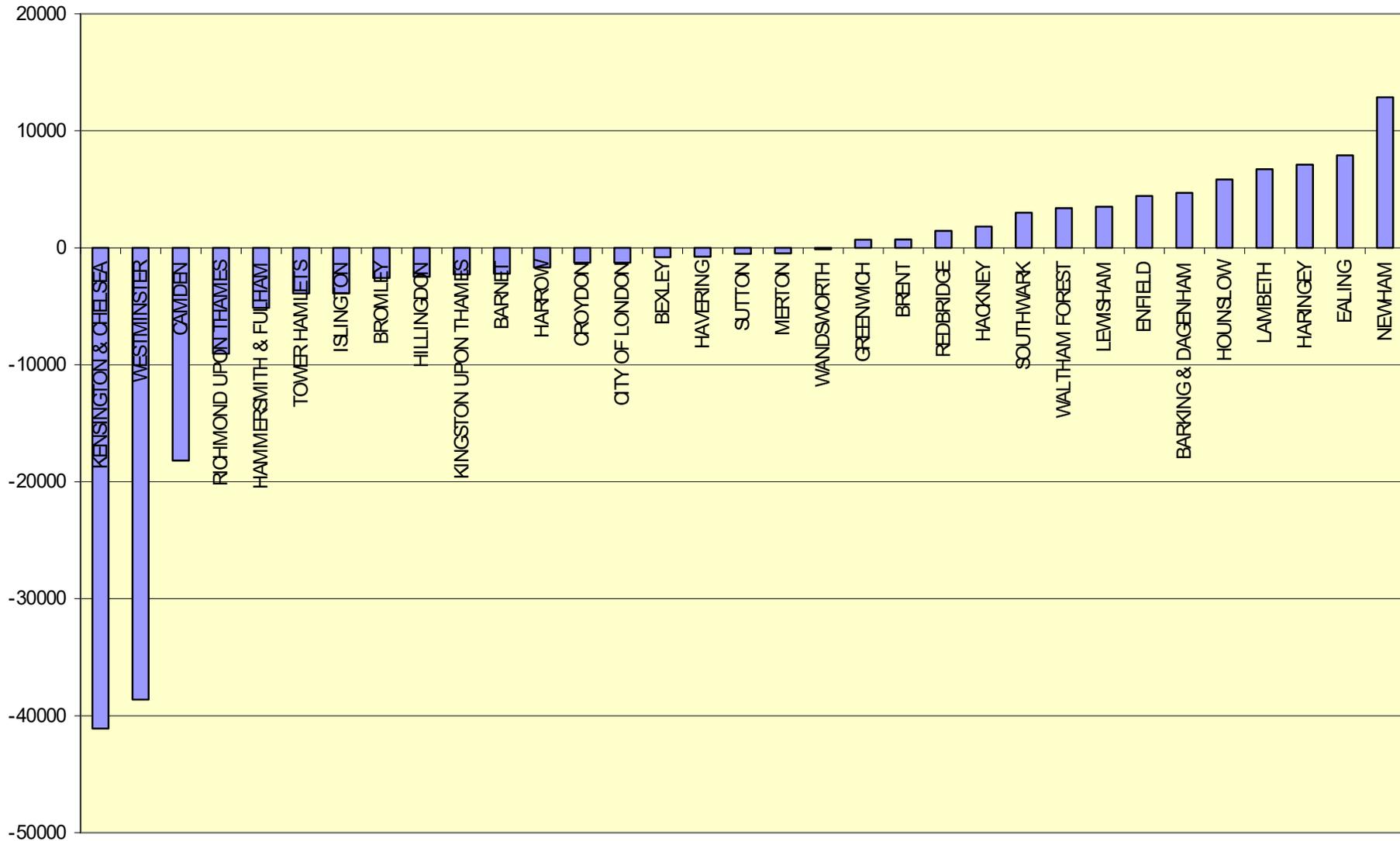
Development: Mid-2005 Difference

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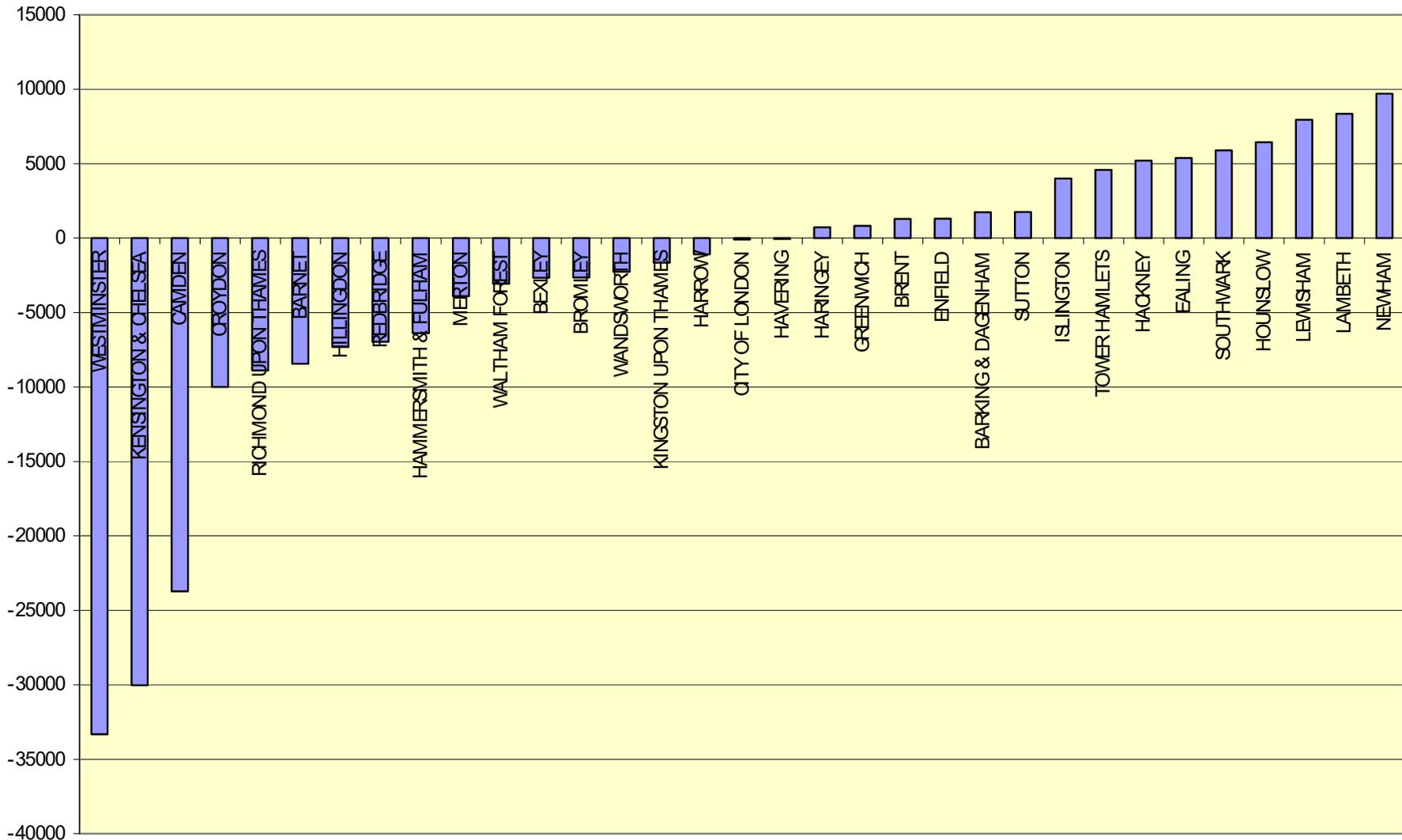
Mid-2005 Difference – Overall

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Newham (1)

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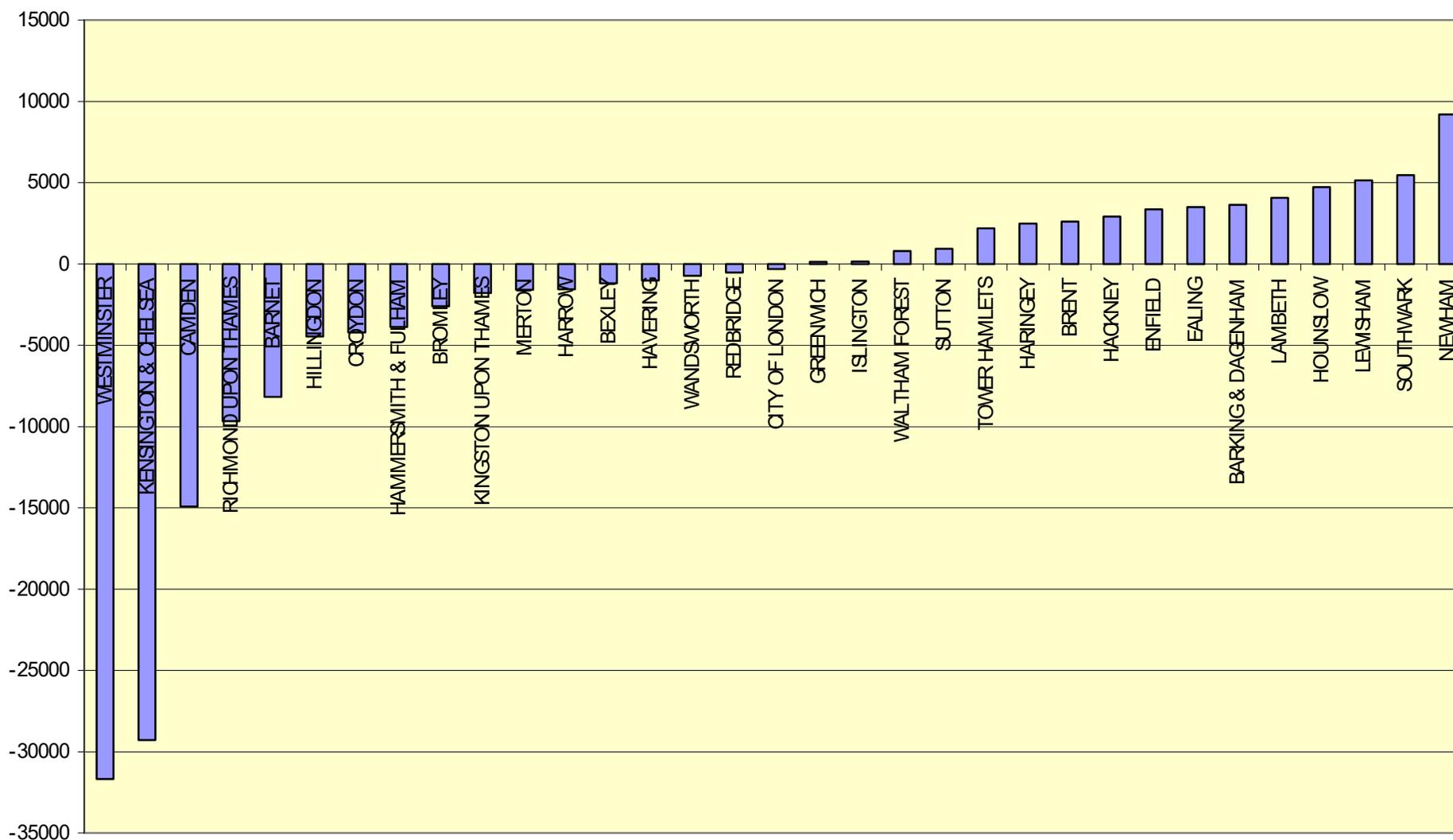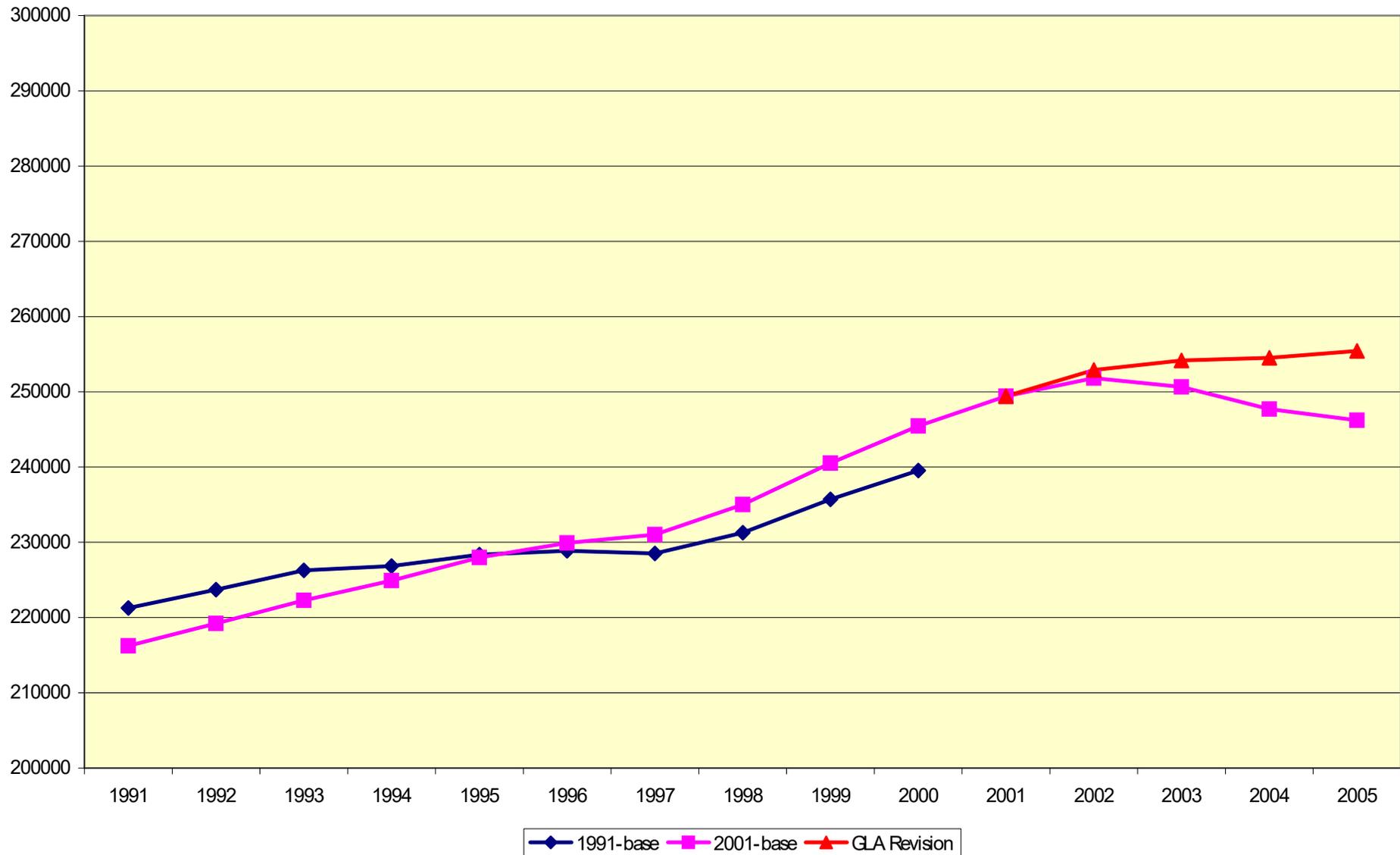
Newham (2)

- **2005 Populations**
  - **Flag 4**   **259.1k**
  - **UPC**   **251.2k**
  - **Development**   **255.9k**
  - **Max-Min Difference 2.0k per annum**
- **Greatest upward revision (by 9.2k to 255.4k)**
- **Reasonably tight grouping**
- **Development closer to average**
- **Flag 4 relatively high (4th)**
- **UPC relatively low (4th)**
- **Both typical of old Inner London**

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Westminster (1)

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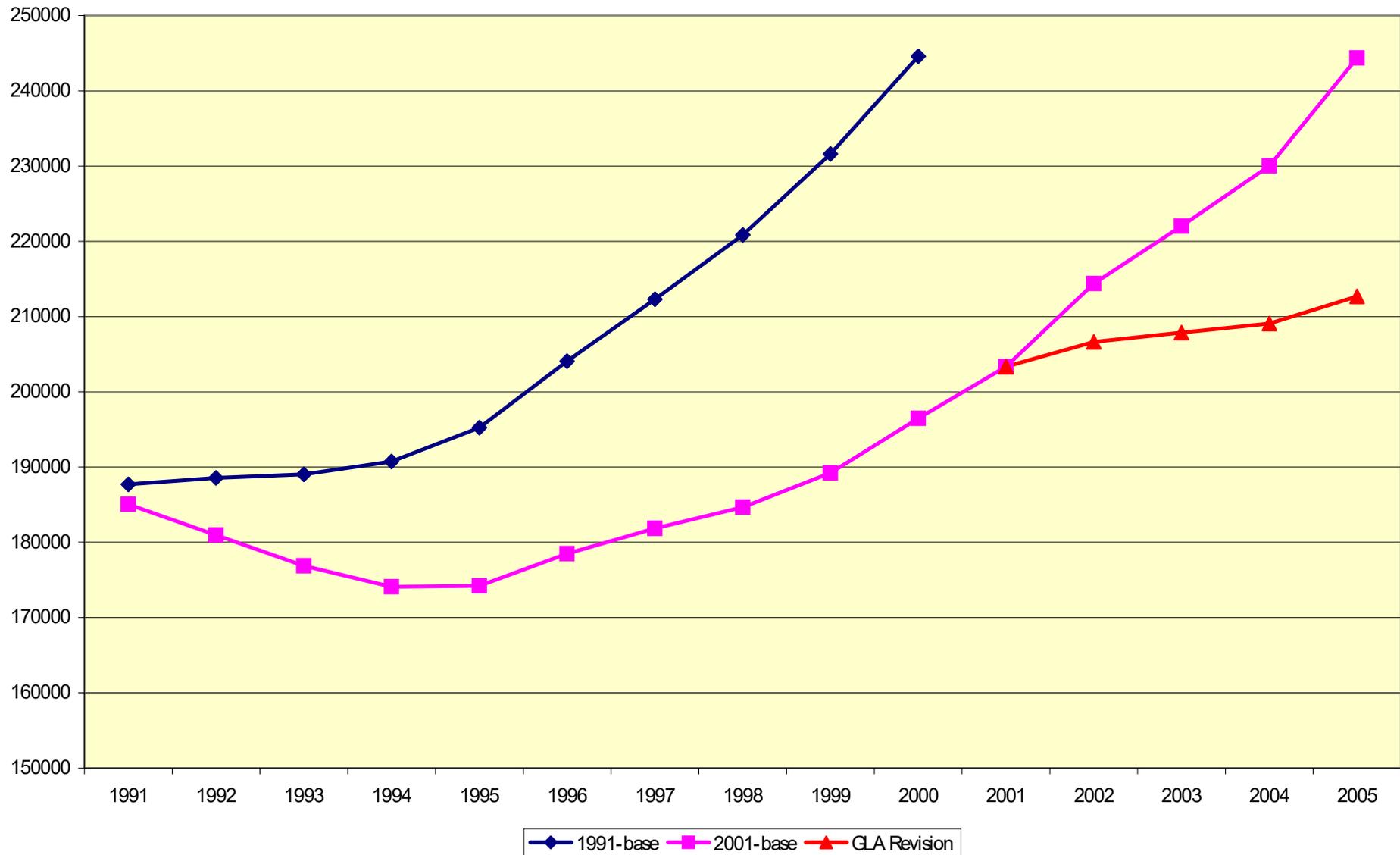
Westminster (2)

- **2005 Populations**
  - **Flag 4**   **205.8k**
  - **UPC**   **221.2k**
  - **Development**   **210.1k**
  - **Max-Min Difference 3.9k per annum**
- **Greatest downward revision (by 31.7k to 212.7k)**
- **Wide range**
  - **3rd after K&C and Camden**
- **Development closer to average**
- **Flag 4 relatively low (2nd)**
- **UPC relatively high (3rd)**
- **Both typical of central boroughs**

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Conclusions

- **Triangulating appears to be reasonably successful for London and boroughs**

- **For London: reducing IPS using LFS is closer to average of three methods**

- **Range of estimates is 11,900 per year (0.16% of population)**

- **Adjusted MYE implies extending 2001-05 trends to 2026 produces 'projection' lower by 415k (ie 7,500 fewer required homes a year)**

- **For Boroughs: Flag 4 is too severe on central boroughs but could be used in combination with UPC, which is very gentle on central areas**

- **Development generally closest - 19 boroughs within 1% of the average and only 3 beyond 2% (Camden, Islington, Redbridge)**

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