

### **Introduction**

The School Roll Projections 2012 – 2021 Report is prepared by the Education Performance Team to support the school place planning process in Harrow. It brings together information on population projections, pupil roll numbers and housing developments in Harrow. This report provides information on birth rates, primary school projections, including reception places only and secondary school projections. The data is analysed to indicate the number of school places required. This data is considered by the Pupil Place Planning Group along with other information to develop options to manage the supply of school places. This data report is updated annually. The report has 3 Sections:

- Section 1: Methodology and Projections
- Section 2: School Roll Projections
- Section 3: Accuracy and Methodology

### **Section 1: Methodology and Projections**

This section outlines the projection methodology and their accuracy, and presents the birth rates and population projections.

### **Projection Methodology and Accuracy**

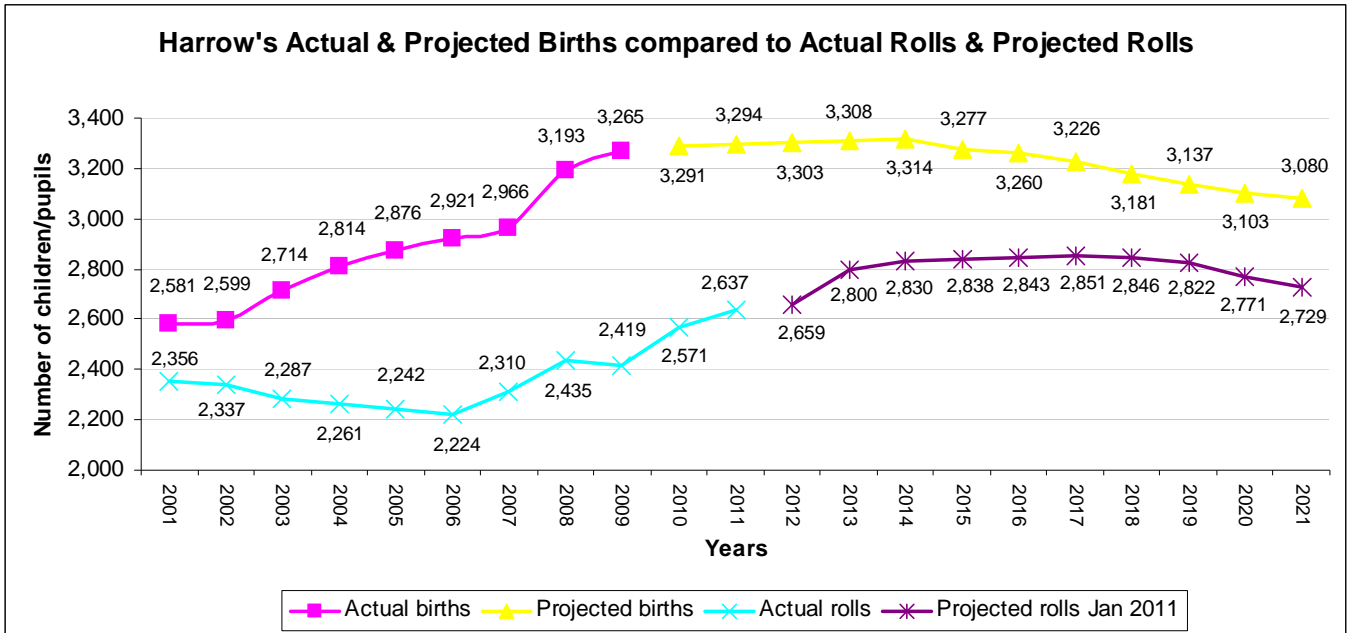
The projections are prepared for Harrow by the Greater London Authority's (GLA) School Roll Projection Service (SRP) and are based upon the latest 2010 round of population projections released by the GLA and school roll data collected in the January 2011 School Census and previous School Censuses. The method used by the GLA combines a 'catchment' method, which is based on population projections, and a 'replacement' method, which is based on school rolls. The combined projections are weighted towards the replacement method in the short term and the catchment method in the longer term. A more detailed explanation of the two methods is given in Section 3.

The GLA projections for primary schools are presented on an area basis using the Planning Areas created by Harrow Council for school place planning in 2004 when they were recast to reflect boundary changes. The projections for each Planning Area are based on a combination of ward-level child population projections and the historic pattern of subscription to schools. An analysis of where pupils went to school in 2004, based on pupils' postcodes, was used to define the Planning Areas. Where over 40% of pupils in a ward went to schools in the Planning Area, these are described as "main" wards. Where between 10% and 40% of pupils in a ward went to schools in the Planning Area these are described as "other" wards. Thus it is possible to see that for Planning Area 1, the North East, most pupils attending Aylward, Stanburn, Whitchurch and Weald schools lived in Belmont, Stanmore Park and Canons wards. Smaller numbers of pupils lived in Harrow Weald, Edgware, Queensbury, Wealdstone, Kenton East and Kenton West.

The report also addresses the accuracy of the school roll projections that are supplied by the GLA. The 2007 to 2010 GLA projections are analysed to see how well they have predicted the 2011 school roll.

## Birth Rates

There has been an increase in live births from 2,581 in 2001 to 3,265 in 2009 and this is projected to rise to 3,314 by 2014<sup>1</sup>. Harrow retains approximately 85% of live births into its reception classes, so that reception numbers increase in line with the birth rate. This means that reception numbers will continue to rise until at least 2017. These figures are demonstrated in the following graph.



Actual & Projected Births source: Harrow Borough Preference - 2010 Round Ward.xls

Actual & Projected Rolls source: Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls

## Population Projections

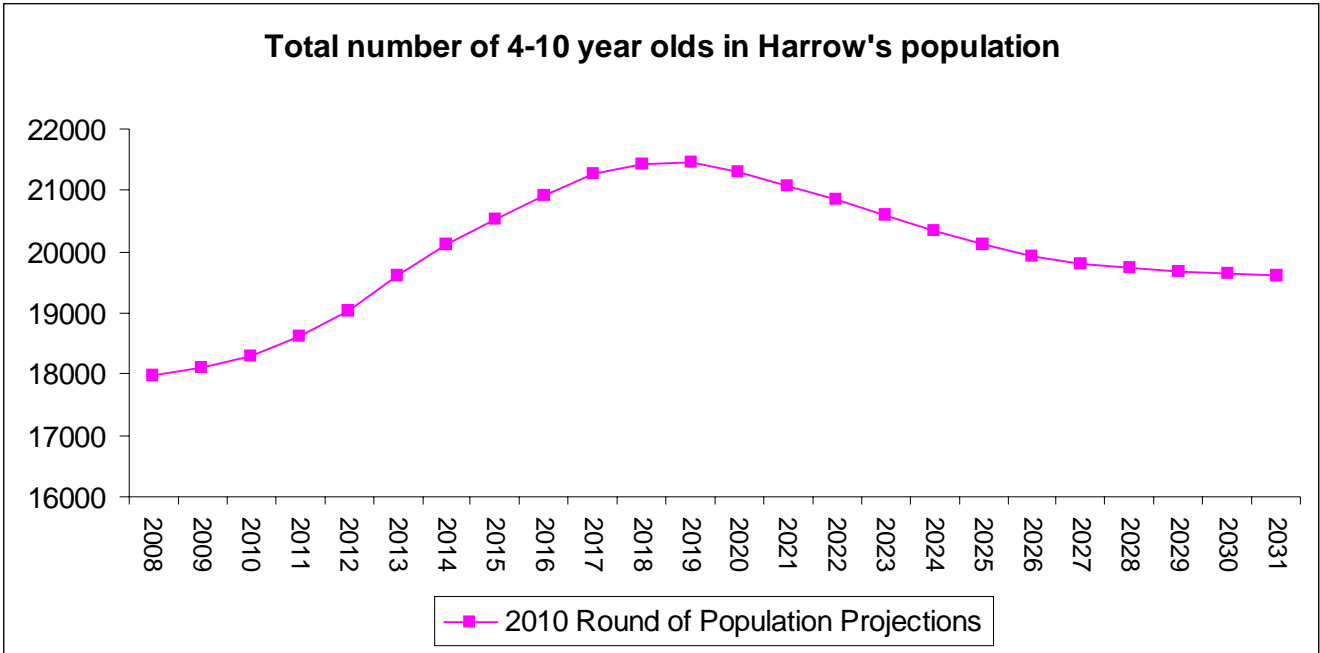
The 2010 round population projections<sup>2</sup> are represented in the following two graphs. These projections show an increase in 4-10 year olds in the population over the next few years and suggest that the population will rise by some 13% to a peak around 2019 with a subsequent slight decline.

The number of 11-15 year olds in the population has fallen from 2010 to 2011 and will continue to gently fall up until 2015 and then will continue to rise steadily to a peak in 2024 before starting to decline slowly again.

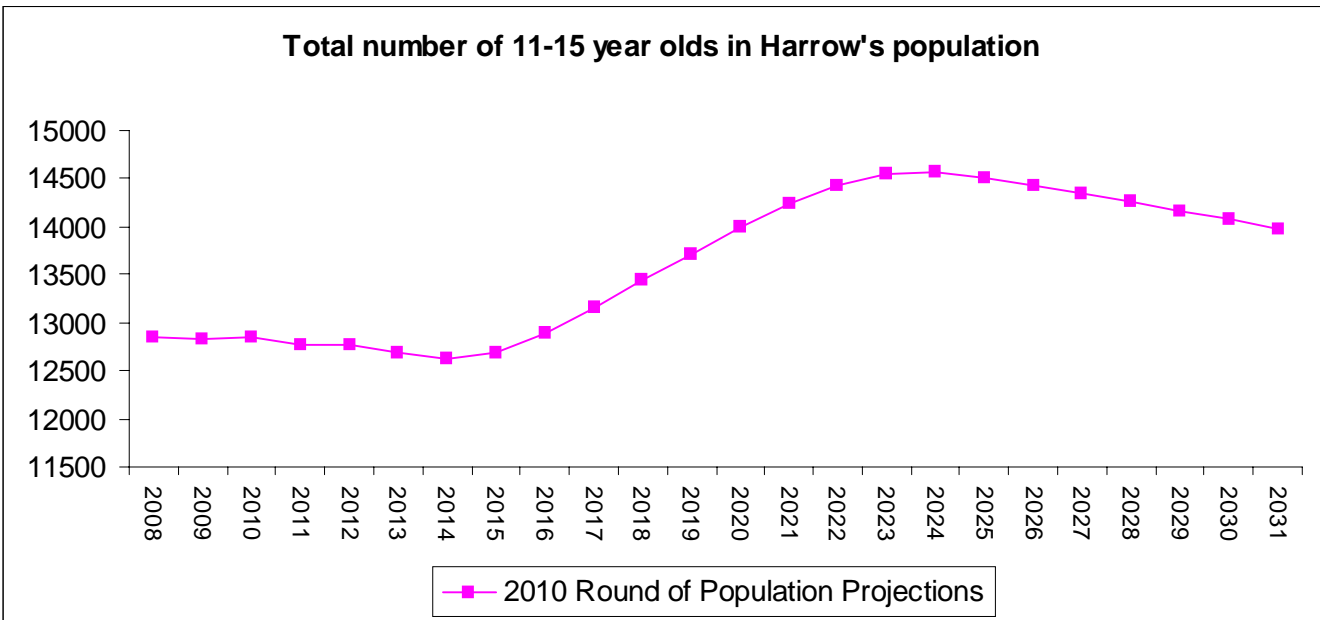
Factors that are reflected in the GLA's population projections include national and London population trends, births, fertility rates and migration rates. These population projections do take account of the proposed number of new housing units but not the type of housing (whether social or private, flats or houses, and the number of bedrooms).

<sup>1</sup> GLA's Harrow Borough Preference - 2010 Round Ward.xls

<sup>2</sup> Source: GLA File: Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls



Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls



Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls

## **Section 2: School Roll Projections**

### **Primary Schools**

Information on primary school roll projections is divided into three parts:

- i) The general picture for all Primary School aged pupils Reception to Year 6 and is based on the most recent GLA projections.
- ii) The second section concentrates on projections for reception pupils only. This is provided in the context of the unpredicted increase in demand for reception places this year (with rises projected to continue until 2017), and also factors in a 5% surplus as recommended by DfE.
- iii) Projections for primary schools by Planning Areas.

#### **i) Projections for Reception to Year 6 Pupils**

According to the 2011 round of GLA school roll projections, the information in Table 1 and Chart 1 shows that the number of pupils in Reception to Year 6 is likely to increase steadily beyond the 2016/17 academic year.

The number of available places has been increased in accordance to the rise in school roll projections, with 5 'bulge' classes in some schools in September 2009, 5 'bulge' classes in some schools in September 2010 and another 8 'bulge' classes in September 2011. We are now planning to open more reception classes in September 2012 and for the foreseeable future. The current 18,157 places increases to 18,400 in 2016/17, partly accounted for by the new Hindu school, which becomes fully occupied in September 2015.

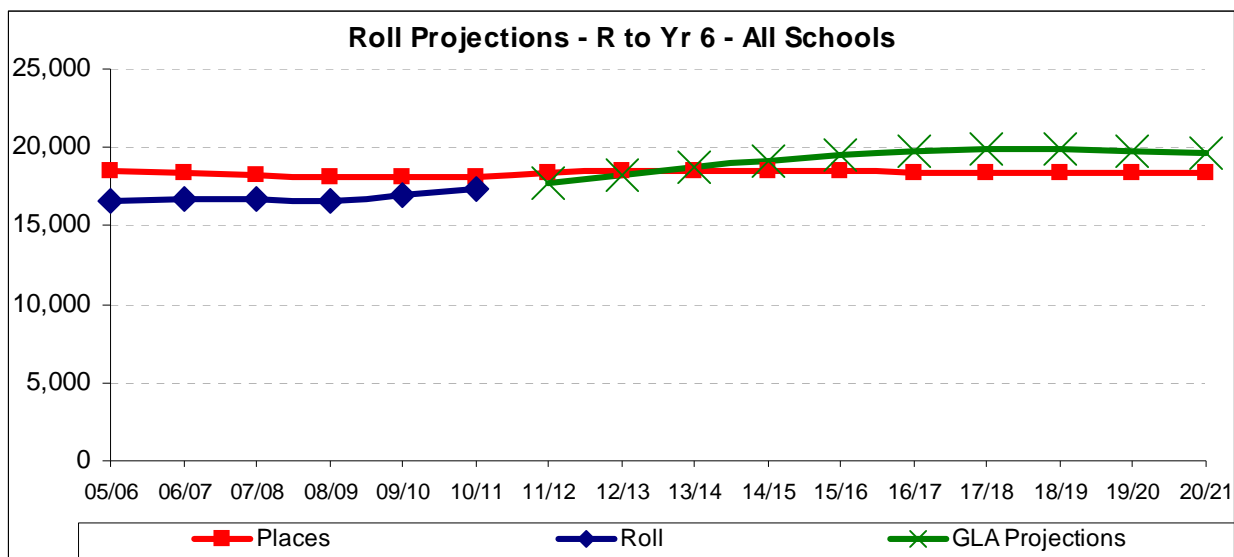
Together the data indicates that we will move from a current small surplus of places to a deficit in the 2013/14 academic year. The surplus place % is calculated from the projected pupil number and the places available. A surplus of 5% is required to enable the local authority to manage fluctuations in demand and offer some parental preference.

Table 1: School roll projections for Reception – Year 6 in all schools in Harrow

Primary projection area: All Schools (Includes VA)				
Years R to 6 only				
Year	January actual number on roll	Projected demand (GLA)	Places available*	Surplus places GLA (%)
05/06	16,633		18,489	10.04%
06/07	16,654		18,391	9.59%
07/08	16,686		18,259	6.92%
08/09	16,637		18,109	6.74%
09/10	16,920		18,125	5.96%
10/11	17,326		18,157	4.93%
11/12		17,694	18,349	3.57%
12/13		18,279	18,471	1.04%
13/14		18,779	18,476	-1.64%
14/15		19,154	18,526	-3.39%
15/16		19,485	18,546	-5.06%
16/17		19,748	18,400	-7.33%
17/18		19,927	18,330	-8.71%
18/19		19,957	18,330	-8.88%
19/20		19,796	18,330	-8.00%
20/21		19,584	18,330	-6.84%

Note: The shaded areas represent actual figures recorded and unshaded are projections. The 'Places available' figure for 2009/10, 2010/11 and 2011/12 include actual increased PANs and bulge classes; and for 2012/13 planned increases to PANs.

Chart 1: Current number on roll compared to roll projections\* and places available for Year R – 6 in all schools in Harrow



\* Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls

ii) **Projections for Reception Pupils Only**

Reception numbers have risen from 2,224 in January 2006 to 2,637 in January 2011. GLA projections are indicating that this increase will continue from 2,659 in January 2012 to 2,851 in January 2017.

Harrow aims to maintain a minimum 5% surplus across the borough in both the primary and secondary sectors and the following table and graph summarise the number of reception places required to achieve this aim.

Table 2: School roll projections for Year Reception in all schools in Harrow

Primary projection area: All Schools (Includes VA)						
Year Reception						
School Year	January actual number on roll	Projected demand (GLA)	Places needed to maintain surplus (GLA + 5%)	Reception Places available **	Proposed Additional FE required*	Total Reception Places Proposed
05/06	2,224			2,605		
06/07	2,310			2,575		
07/08	2,435			2,530		
08/09	2,419			2,530		
09/10	2,571			2,696		
10/11	2,637			2,700		
11/12		2,659	2,792	2,800	0	2,800
12/13		2,800	2,940	2,700	8*	2,940
13/14		2,830	2,972	2,550	14	2,970
14/15		2,838	2,980	2,550	14	2,970
15/16		2,843	2,985	2,550	15	3,000
16/17		2,851	2,994	2,550	15	3,000
17/18		2,846	2,988	2,550	15	3,000
18/19		2,822	2,963	2,550	14	2,970
19/20		2,771	2,910	2,550	12	2,910
20/21		2,729	2,865	2,550	10	2,850

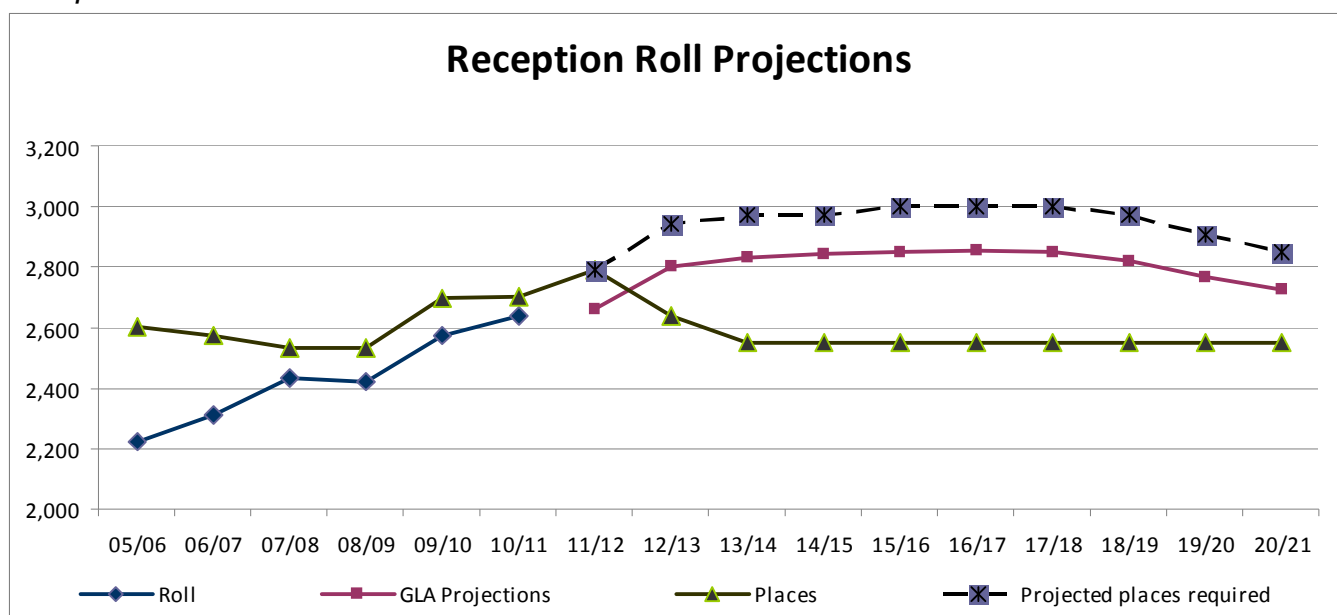
\* Proposed Additional FE calculates additional places needed to maintain 5% surplus which is approx 4 extra classes. 2012/13 proposed total additional FE is 13.

\*\* Places available 2009/10, 2010/11 and 2011/12 include actual increased PANs and bulge classes

Notes: The 'Reception Places available' column includes:

- In 2011/12 the temporary additional Reception places opened in September 2011.
- In 2012/13 the additional temporary Reception places published in the Guide to Primary Schools 2012-2013 (4 classes to be opened if required and 1 subject to planning and capital)

Chart 2: Current numbers on roll compared to roll projections and places available for Year Reception in all schools in Harrow



The number of permanent reception places consolidated in September 2011 to 2,550. This excludes any temporary bulge classes and includes permanent increases in planned admission numbers in three schools to multiples of 30.

### iii) Primary Schools Projections by Planning Area

#### **North East Planning Area (GLA Planning Area 1):**

Projections for the North East Planning Area are based on data from the following schools and population data for part or all of these wards:

<b>Schools:</b> Aylward Stanburn Weald Whitchurch	<b>Main Wards:</b> Belmont Stanmore Park Canons
	<b>Other Wards:</b> Harrow Weald Edgware Queensbury Wealdstone Kenton East Kenton West

*Table 3: Reception projections for the North East Planning Area*

Primary projection area: North East (Community Schools only)						
Year Reception						
School Year	January actual number on roll	Projected demand (GLA)	Places needed to maintain surplus (GLA + 5%)	Reception Places available	Proposed Additional FE required*	Total Reception Places Proposed
05/06	285			330		
06/07	305			330		
07/08	323			330		
08/09	316			330		
09/10	325			330		
10/11	346			360		
11/12		348	365	390	-1	360
12/13		372	391	330	2	390
13/14		361	379	330	2	390
14/15		362	380	330	2	390
15/16		363	381	330	2	390
16/17		364	382	330	2	390
17/18		365	383	330	2	390
18/19		361	379	330	2	390
19/20		356	374	330	2	390
20/21		350	368	330	1	360

Table 3 shows GLA roll projections for the Reception year group for the North East Planning Area. The projections show a slight increase in pupil numbers between now and September 2012, followed by a small drop, at which point the numbers stabilise for the next few years. The current small surplus of places will become a small deficit in 2012/13, which looks to continue up until at least 2019/20.

Table 4: Primary projections for the North East Planning Area

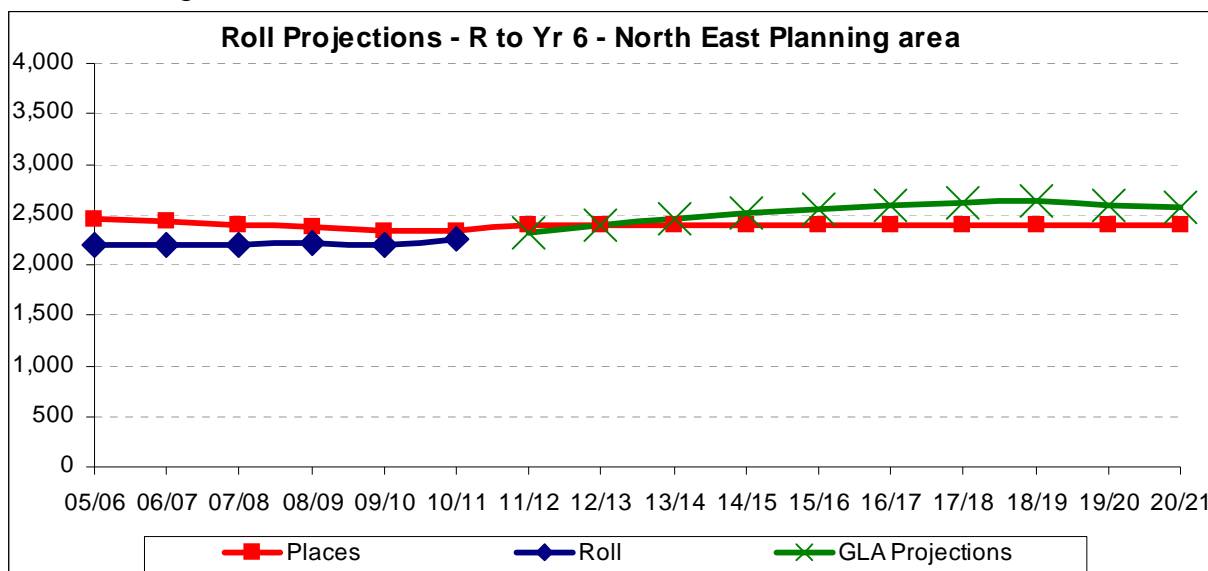
Primary projection area: North East (Community Schools only)

Years R to 6 only

Year	January actual number on roll	Projected demand (GLA)	Places available	Surplus places GLA (%)
05/06	2,206		2,460	10.33%
06/07	2,193		2,430	9.75%
07/08	2,203		2,400	8.21%
08/09	2,210		2,370	6.75%
09/10	2,207		2,340	5.68%
10/11	2,254		2,340	3.68%
11/12		2,312	2,400	3.67%
12/13		2,395	2,400	0.21%
13/14		2,460	2,400	-2.50%
14/15		2,514	2,400	-4.75%
15/16		2,560	2,400	-6.67%
16/17		2,602	2,400	-8.42%
17/18		2,623	2,400	-9.29%
18/19		2,626	2,400	-9.42%
19/20		2,602	2,400	-8.42%
20/21		2,578	2,400	-7.42%

Table 4 and Chart 3 show GLA roll projections for the North East Planning Area. The projections show an increase in pupil numbers between now and 2018 and suggest that the current small surplus of places will become a deficit in 2013/14, this expected deficit will continue to increase up until 2020/21.

Chart 3: Current number on roll compared to roll projections\* and places available for the North East Planning Area



\* Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls



**North West Planning Area (GLA Planning Area 2):**

Projections for the North West Planning Area are based on data from the following schools and population data for part or all of these wards:

<b>Schools:</b> Cannon Lane Cedars Manor Grimsdyke Longfield Pinner Wood West Lodge
---

<b>Main Wards:</b> Pinner Pinner South Hatch End Headstone North Harrow Weald
<b>Other Wards:</b> Headstone South Rayners Lane Roxbourne Harrow on the Hill West Harrow

*Table 5: Reception projections for the North West Planning Area*

Primary projection area: North West (Community Schools only)						
Year Reception						
School Year	January actual number on roll	Projected demand (GLA)	Places needed to maintain surplus (GLA + 5%)	Reception Places available	Proposed Additional FE required*	Total Reception Places Proposed
05/06	402			510		
06/07	435			480		
07/08	432			450		
08/09	430			450		
09/10	451			480		
10/11	498			510		
11/12		471	495	480	1	510
12/13		494	519	450	2	510
13/14		499	524	450	3	540
14/15		499	524	450	3	540
15/16		499	524	450	3	540
16/17		499	524	450	3	540
17/18		497	522	450	3	540
18/19		491	516	450	2	510
19/20		481	505	450	2	510
20/21		473	497	450	2	510

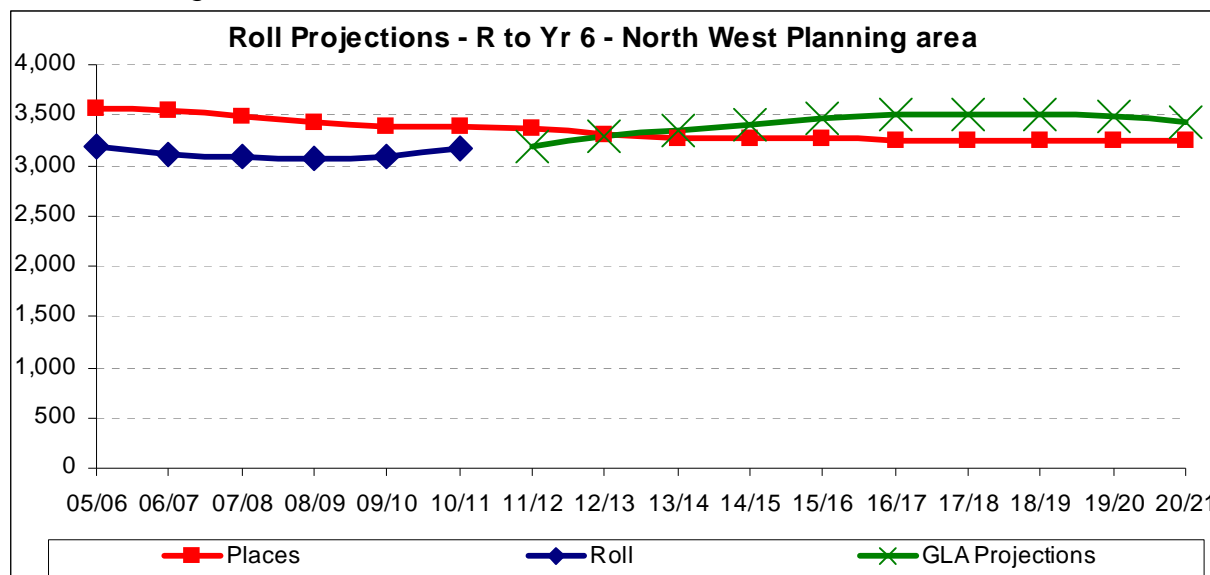
Table 5 shows GLA roll projections for the Reception year group for the North West Planning Area. The projections generally remain in-line with the 2010/11 actual roll of 498.

Table 6: Primary projections for the North West Planning Area

Primary projection area: North West (Community Schools only)				
Years R to 6 only				
Year	January actual number on roll	Projected demand (GLA)	Places available	Surplus places GLA (%)
05/06	3,181		3,570	10.90%
06/07	3,109		3,540	12.18%
07/08	3,098		3,480	10.98%
08/09	3,064		3,420	10.41%
09/10	3,084		3,390	9.03%
10/11	3,162		3,390	6.73%
11/12		3,195	3,360	4.91%
12/13		3,286	3,300	0.42%
13/14		3,353	3,270	-2.54%
14/15		3,413	3,270	-4.37%
15/16		3,463	3,270	-5.90%
16/17		3,497	3,240	-7.93%
17/18		3,514	3,240	-8.46%
18/19		3,513	3,240	-8.43%
19/20		3,478	3,240	-7.35%
20/21		3,435	3,240	-6.02%

The GLA roll projections in Table 6 and Chart 4 anticipate a significant increase in pupil numbers in the North West Planning Area with a projected deficit of -8.55% by 2017/18.

Chart 4: Current number on roll compared to roll projections\* and places available for the North West Planning Area



\* Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls

**South East Planning Area (GLA Planning Area 3):**

Projections for the South East Planning Area are based on data from the following schools and population data for part or all of these wards:

<b>Schools:</b> Camrose Glebe Kenmore Park Priestmead Stag Lane
--

<b>Main Wards:</b> Edgware Queensbury Kenton East Kenton West
---

<b>Other Wards:</b> Belmont Canons
--

*Table 7: Reception projections for the South East Planning Area*

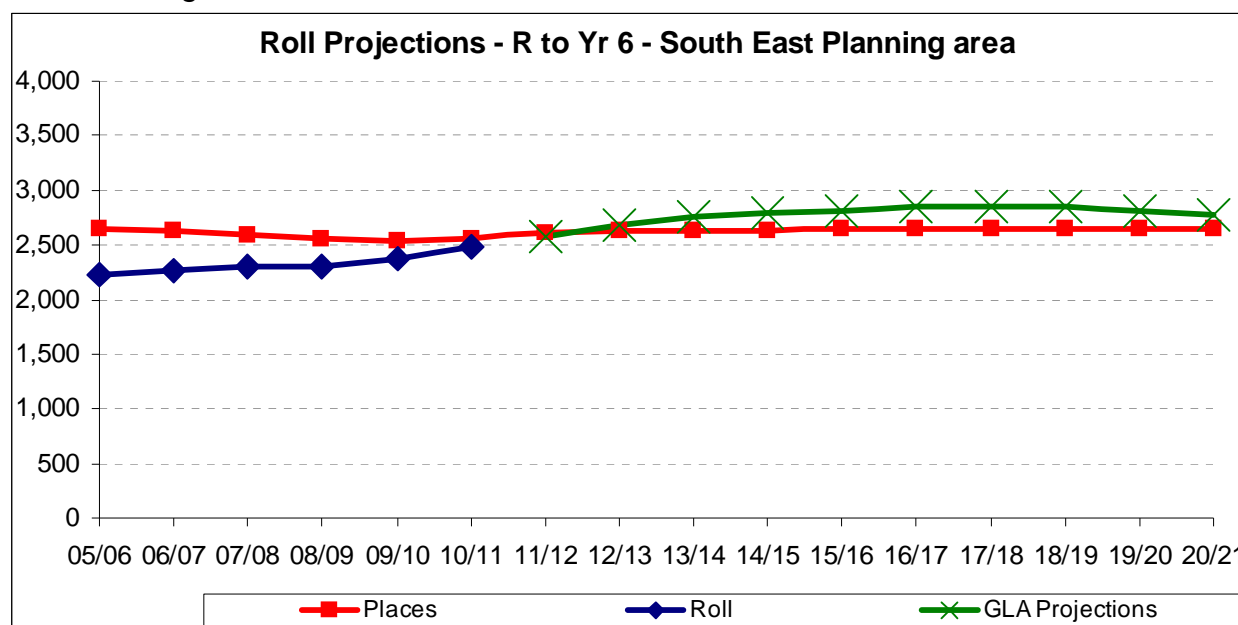
<b>Primary projection area: South East (Community Schools only)</b>						
<b>Year Reception</b>						
School Year	January actual number on roll	Projected demand (GLA)	Places needed to maintain surplus (GLA + 5%)	Reception Places available	Proposed Additional FE required*	Total Reception Places Proposed
05/06	293			367		
06/07	296			367		
07/08	334			352		
08/09	332			352		
09/10	348			360		
10/11	380			390		
11/12		380	399	420	-1	390
12/13		399	419	390	1	420
13/14		393	413	360	2	420
14/15		395	415	360	2	420
15/16		395	415	360	2	420
16/17		397	417	360	2	420
17/18		395	415	360	2	420
18/19		392	412	360	2	420
19/20		386	405	360	2	420
20/21		381	400	360	2	420

Table 8: Primary projections for the South East Planning Area

Primary projection area: South East (Community Schools only)				
Years R to 6 only				
Year	January actual number on roll	Projected demand (GLA)	Places available	Surplus places GLA (%)
05/06	2,229		2,646	15.76%
06/07	2,268		2,623	13.53%
07/08	2,295		2,593	11.49%
08/09	2,307		2,563	9.99%
09/10	2,371		2,541	6.69%
10/11	2,480		2,561	3.16%
11/12		2,575	2,611	1.38%
12/13		2,676	2,631	-1.71%
13/14		2,759	2,624	-5.14%
14/15		2,795	2,632	-6.19%
15/16		2,821	2,640	-6.86%
16/17		2,846	2,640	-7.80%
17/18		2,855	2,640	-8.14%
18/19		2,844	2,640	-7.73%
19/20		2,807	2,640	-6.33%
20/21		2,772	2,640	-5.00%

Table 8 and Chart 5 show the roll projection figures for the South East Planning Area. They indicate a steady increase in pupil numbers and suggest that the current small surplus of places will become a significant deficit in 2013/14, this will continue to rise and is indicated to peak in 2017/18 at -8.26%.

Chart 5: Current number on roll compared to roll projections\* and places available for the South East Planning Area



\* Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls

**South West Planning Area (GLA Planning Area 4):**

Projections for the South West Planning Area are based on data from the following schools and population data for part or all of these wards:

<p><b>Schools:</b>  Earlsmead  Grange  Heathland  Newton Farm  Roxbourne  Roxeth  Vaughan  Welldon Park</p>	<p><b>Main Wards:</b>  Rayners Lane  Roxbourne  Roxeth  West Harrow  Harrow on the Hill</p> <p><b>Other Wards:</b>  Headstone South  Greenhill</p>
---	--

*Table 9: Reception projections for the South West Planning Area*

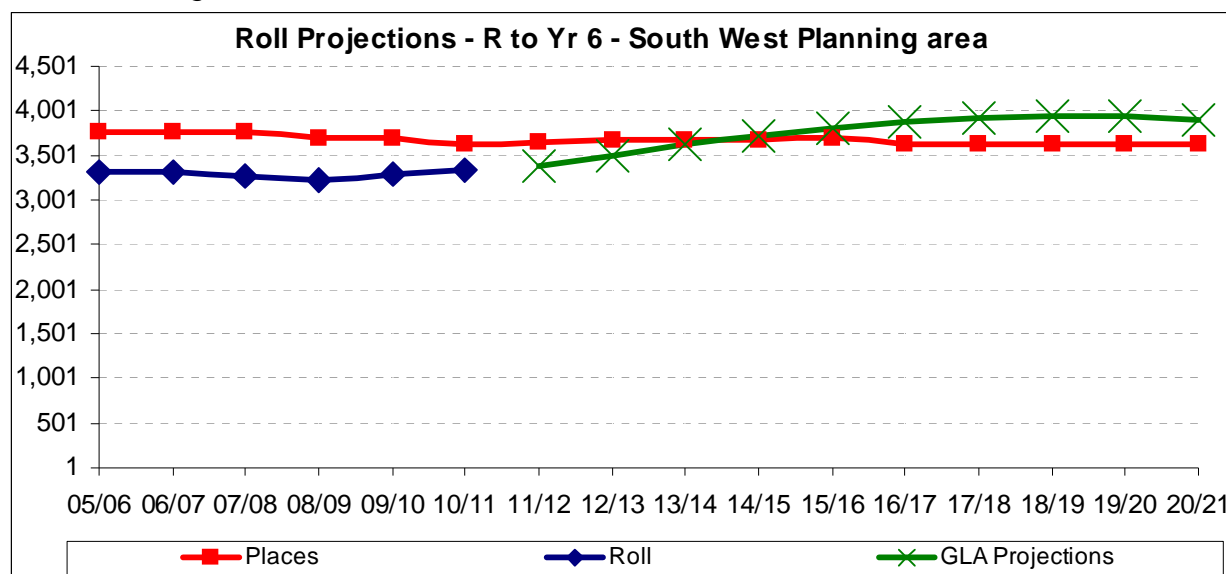
Primary projection area: South West (Community Schools only)						
Year Reception						
School Year	January actual number on roll	Projected demand (GLA)	Places needed to maintain surplus (GLA + 5%)	Reception Places available	Proposed Additional FE required*	Total Reception Places Proposed
05/06	437			536		
06/07	446			536		
07/08	490			536		
08/09	469			506		
09/10	505			566		
10/11	496			510		
11/12		515	541	540	0	540
12/13		539	566	540	1	570
13/14		566	594	510	3	600
14/15		571	600	510	3	600
15/16		573	602	510	3	600
16/17		575	604	510	3	600
17/18		574	603	510	3	600
18/19		569	597	510	3	600
19/20		557	585	510	3	600
20/21		548	575	510	2	570

Table 10: Primary projections for the South West Planning Area

Primary projection area: South West (Community Schools only)				
Years R to 6 only				
Year	January actual number on roll	Projected demand (GLA)	Places available	Surplus places GLA (%)
05/06	3,313		3,752	11.70%
06/07	3,325		3,752	11.38%
07/08	3,274		3,752	12.74%
08/09	3,219		3,692	12.81%
09/10	3,302		3,692	12.27%
10/11	3,342		3,636	9.74%
11/12		3,387	3,640	6.95%
12/13		3,503	3,674	4.65%
13/14		3,620	3,678	1.58%
14/15		3,707	3,682	-0.68%
15/16		3,802	3,686	-3.15%
16/17		3,869	3,630	-6.58%
17/18		3,927	3,630	-8.18%
18/19		3,950	3,630	-8.82%
19/20		3,935	3,630	-8.40%
20/21		3,896	3,630	-7.33%

Roll projections in Table 10 and Chart 6 show a steady rise in pupil numbers over the next few years, but indicate that places will continue to meet demand, although with a steadily diminishing surplus (3 pupils per year group by 2015/16).

Chart 6: Current number on roll compared to roll projections\* and places available for the South West Planning Area



\* Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls

*Central Planning Area (GLA Planning Area 5):*

Projections for the Central Planning Area are based on data from the following schools and population data for part or all of these wards:

<b>Schools:</b> Belmont Elmgrove Marlborough Norbury Pinner Park Whitefriars
--

<b>Main Wards:</b> Wealdstone Marlborough Headstone South Greenhill Headstone North
<b>Other Wards:</b> Harrow Weald Hatch End Belmont Kenton West West Harrow

*Table 11: Reception projections for the Central Planning Area*

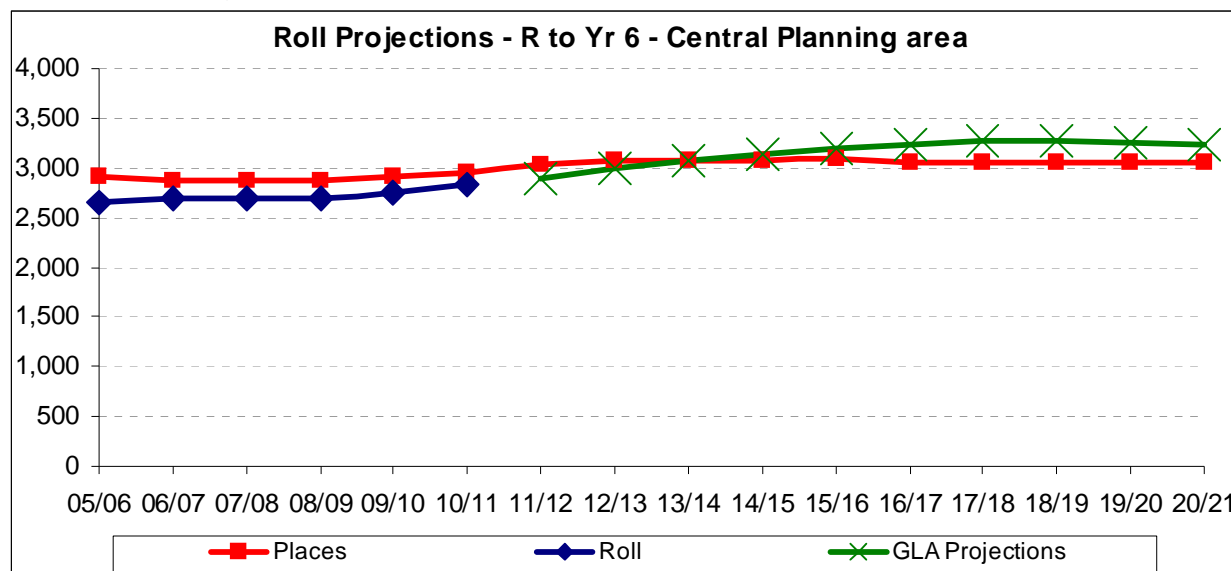
Primary projection area: Central (Community Schools only)						
Year Reception						
School Year	January actual number on roll	Projected demand (GLA)	Places needed to maintain surplus (GLA + 5%)	Reception Places available	Proposed Additional FE required*	Total Reception Places Proposed
05/06	374			412		
06/07	388			412		
07/08	407			412		
08/09	403			412		
09/10	436			450		
10/11	440			450		
11/12		444	466	480	0	480
12/13		466	489	480	0	480
13/14		479	503	420	3	510
14/15		477	501	420	3	510
15/16		479	503	420	3	510
16/17		481	505	420	3	510
17/18		481	505	420	3	510
18/19		479	503	420	3	510
19/20		471	495	420	3	510
20/21		464	487	420	2	480

Table 12: Primary projections for the Central Planning Area

Primary projection area: Central (Community Schools)				
Years R to 6 only				
Year	January actual number on roll	Projected demand (GLA)	Places available *	Surplus places GLA (%)
05/06	2,660		2,914	8.72%
06/07	2,685		2,884	6.90%
07/08	2,702		2,884	6.31%
08/09	2,693		2,884	6.62%
09/10	2,750		2,922	5.27%
10/11	2,833		2,960	2.80%
11/12		2,904	3,028	4.10%
12/13		3,000	3,066	2.15%
13/14		3,081	3,074	-0.23%
14/15		3,140	3,082	-1.91%
15/16		3,196	3,090	-3.46%
16/17		3,239	3,060	-5.95%
17/18		3,275	3,060	-7.12%
18/19		3,285	3,060	-7.39%
19/20		3,266	3,060	-6.67%
20/21		3,234	3,060	-5.56%

Table 12 and Chart 7 show the projected pupil numbers in this Planning Area over the next few years. The projections suggest that a current small surplus of places in this area will become a small deficit by the 2011/12 academic year (only 1 pupil per year group) rising to a deficit of 2 forms of entry by 2015/16.

Chart 7: Current number on roll compared to roll projections\* and places available for the Central Planning Area



\* Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls



## Voluntary Aided schools: (GLA Planning Area 6)

Since voluntary aided schools in Harrow are generally full, GLA projections of pupil numbers at voluntary aided schools amount to a 'top slice' of the projected school roll. These projections do not reflect demand for VA school places.

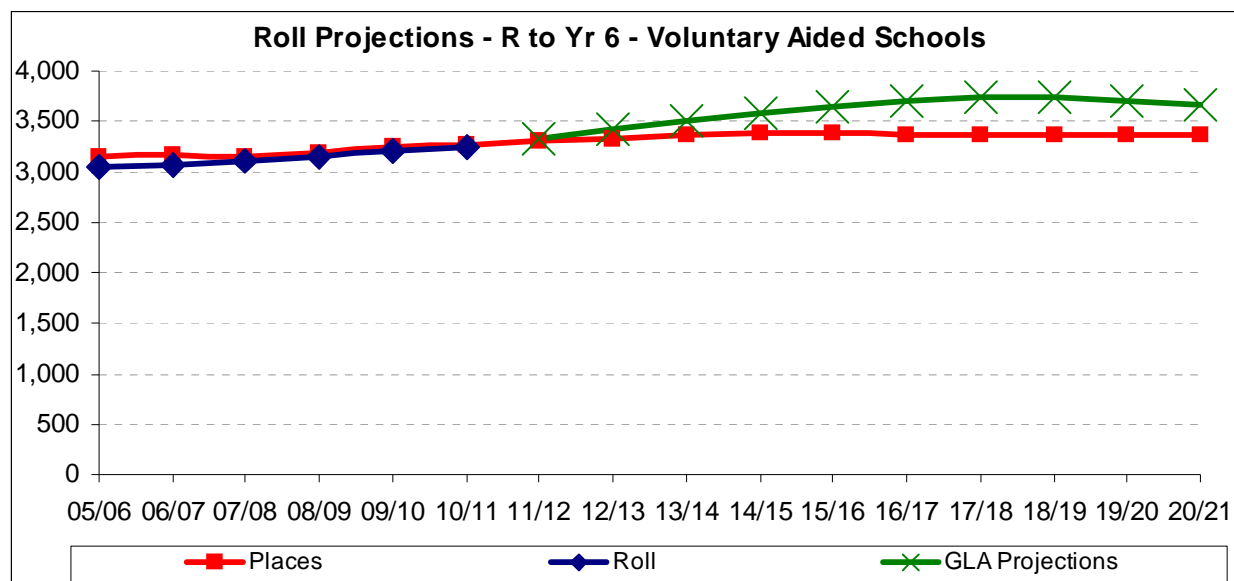
Table 13: Reception projections for Voluntary Aided schools

Primary projection area: Voluntary Aided schools						
Year Reception						
School Year	January actual number on roll	Projected demand (GLA)	Places needed to maintain surplus (GLA + 5%)	Reception Places available	Proposed Additional FE required*	Total Reception Places Proposed
05/06	433			450		
06/07	440			450		
07/08	449			450		
08/09	469			480		
09/10	506			510		
10/11	477			480		
11/12		501	526	480	2	540
12/13		530	557	510	2	570
13/14		532	559	480	3	570
14/15		534	561	480	3	570
15/16		534	561	480	3	570
16/17		535	562	480	3	570
17/18		534	561	480	3	570
18/19		530	557	480	3	570
19/20		520	546	480	2	540
20/21		513	539	480	2	540

Table 14: Primary projections for Voluntary Aided schools

Primary projection area: Voluntary Aided Schools				
Years R to 6 only				
Year	January actual number on roll	Projected demand (GLA)	Places available *	Surplus places GLA (%)
05/06	3,044		3,147	3.27%
06/07	3,073		3,162	2.81%
07/08	3,114		3,150	1.14%
08/09	3,144		3,180	1.13%
09/10	3,206		3,240	0.81%
10/11	3,255		3,270	0.52%
11/12		3,321	3,300	-0.64%
12/13		3,419	3,330	-2.67%
13/14		3,506	3,360	-4.35%
14/15		3,585	3,390	-5.75%
15/16		3,643	3,390	-7.46%
16/17		3,695	3,360	-9.97%
17/18		3,733	3,360	-11.10%
18/19		3,739	3,360	-11.28%
19/20		3,708	3,360	-10.36%
20/21		3,669	3,360	-9.20%

Chart 8: Current number on roll compared to roll projections\* and places available for Voluntary Aided Schools



Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls

## Secondary Schools

Secondary school roll projections are presented on the basis of Years 7 to 11 (11 to 15 year olds). Secondary school place planning is undertaken on a whole borough level and not in Planning Areas as the number of schools is small, transport links are good, and older pupils can be expected to travel further to school.

Table 15: Secondary projections for years 7 to 11 in all High Schools

Secondary projections: All High Schools (includes Voluntary Aided)				
Years 7 to 11 only				
Year	January actual number on roll	Projected demand (GLA)	Places available	Surplus places GLA (%)
07/08	10,739		9,122	
08/09	10,659		9,072	
09/10	10,538		9,060	
10/11	10,473		11,040	
11/12		10,420	11,130	6.38%
12/13		10,326	11,160	7.47%
13/14		10,269	11,190	8.23%
14/15		10,388	11,220	7.42%
15/16		10,569	11,160	5.30%
16/17		10,822	11,100	2.50%
17/18		11,098	11,100	0.02%
18/19		11,341	11,100	-2.17%
19/20		11,584	11,100	-4.36%
20/21		11,785	11,100	-6.17%

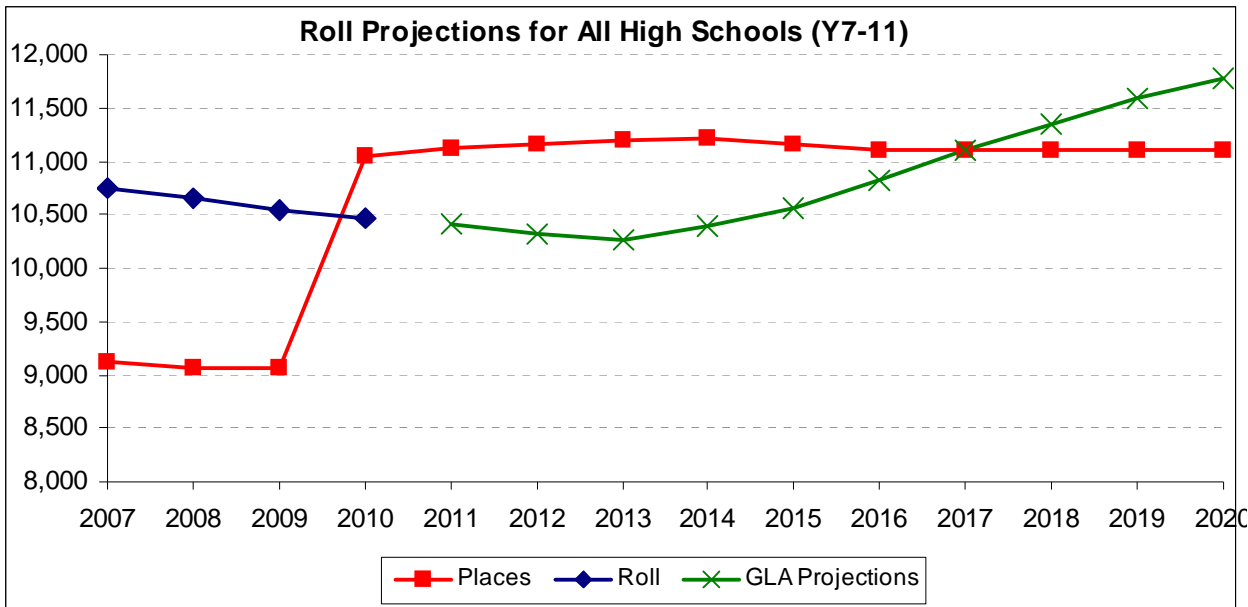
Table 15 and Chart 9 show that the GLA predicts a small decline in the number of pupils in Years 7 to 11 over the next few years. This decline is projected to start increasing in 2014/15. At its highest, in 2013, the surplus would amount to about 200 places in each year group across all Harrow's high schools.

The age of transfer took place in September 2010, with the change in entry to secondary education from the 12+ years to 11+ years. It is not known if the number of pupils staying in Harrow's schools at Year 7 will increase but this could have a significant effect on these figures.

In September 2010, 90 additional places were created in Year 7, to accommodate any increases. The pupil numbers in Year 7 and across high schools will be monitored closely as the school reorganisation embeds.

The local authority is reviewing the projections for high school places and will plan to ensure sufficient places are available to meet the increased demand currently experienced in the primary sector.

Chart 9: Current number on roll compared to roll projections\* and places available for all high schools, Years 7 to 11



\* Source: Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls

Note: Prior to September 2010, community school Year 7 places were in the primary sector.

Post 2014, the number of secondary aged pupils is projected to rise as larger numbers of younger pupils move through to the secondary sector, with a small deficit in school places expected for September 2018.

## Year 7 Projections for High Schools

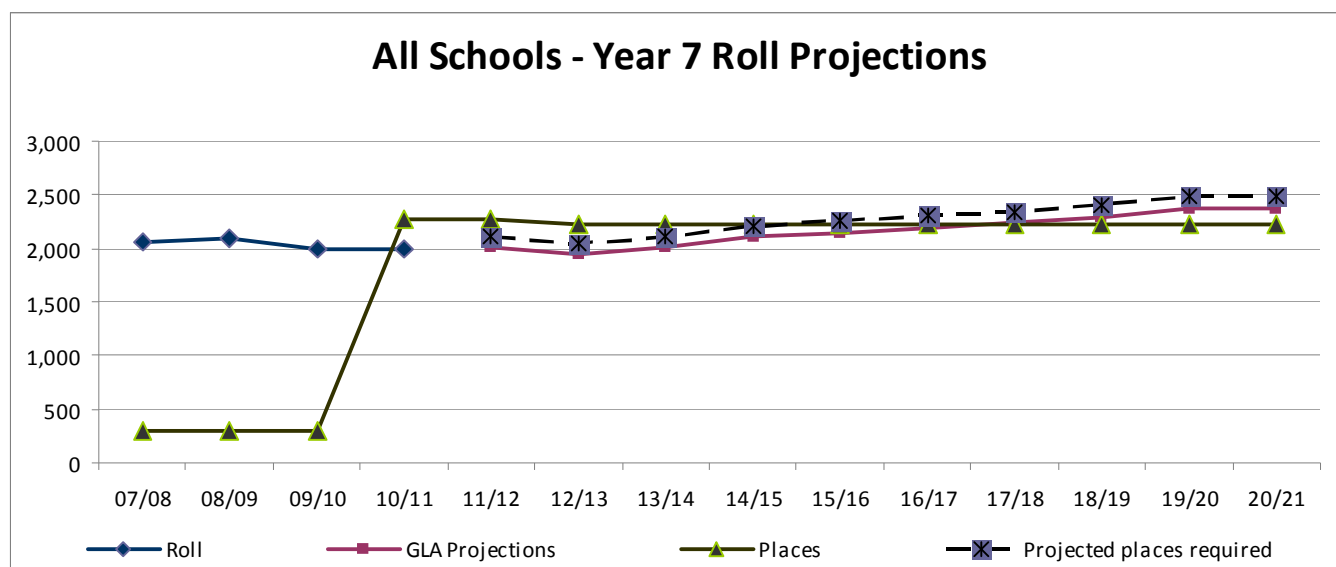
Table 16: Secondary projections for Year 7 in all High Schools

Secondary projections area: All High Schools (includes Voluntary Aided)						
Year 7						
School Year	January actual number on roll	Projected demand (GLA)	Places needed to maintain surplus (GLA + 5%)	Year 7 Places available	Proposed Additional FE required*	Total Year 7 Places Proposed
07/08	2,053					
08/09	2,087					
09/10	1,991					
10/11	1,992					
11/12		2,004	2,104	2,280	-6	2,100
12/13		1,940	2,037	2,220	-6	2,040
13/14		2,013	2,114	2,220	-4	2,100
14/15		2,108	2,213	2,220	0	2,220
15/16		2,143	2,250	2,220	1	2,250
16/17		2,200	2,310	2,220	3	2,310
17/18		2,237	2,349	2,220	4	2,340
18/19		2,287	2,401	2,220	6	2,400
19/20		2,374	2,493	2,220	9	2,490
20/21		2,378	2,497	2,220	9	2,490

\* Proposed Additional FE calculates additional places needed to maintain 5% surplus

Source: Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls

Chart 10: Current number on roll compared to roll projections\* and places available for all high schools, Year 7



Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls

Note: Prior to September 2010, community school Year 7 places were in the primary sector.

Table 16 and chart 10 show that the current number of year 7 places is sufficient for the projected number of pupils expected in Harrow's year 7 until 2014/15. A small deficit in places is projected for 2015/16, and is likely to continue and become more substantial by 2016/17. This influx of pupils is inline with the large number of pupils coming into Harrow's Reception year group currently and for the next few years.

## **Section 3: Accuracy and Methodology**

### **Accuracy of the school roll projections (SRP) that are supplied by the GLA**

Table 17 shows the 2011 pupil numbers that were projected in previous years. These projections were prepared by the GLA in 2007, 2008, 2009 and 2010. The percentage differences between the projections and the actual January 2011 rolls are relatively small for most of the ages and suggest that, over four years, the projections were very accurate indeed.

However, the GLA has under projected with a -1.7% difference in 2007 to -2.5% in 2010.

*Table 17: Accuracy of the GLA school roll projections 2011*

January		All	4	5	10	11	15	5-10	11-15	5-15
Actual Rolls	2011	2,637	2,622	2,406	1,992	2,145	14,689	10,473	25,162	
Projected in	2007	2,591	2,607	2,420	2,086	2,103	14,965	10,665	25,630	
	% difference	-1.7	-0.6	+0.6	+4.7	-2.0	+1.9	+1.8	+1.9	
Projected in	2008	2,583	2,596	2,392	2,040	2,135	14,808	10,590	25,398	
	% difference	-2.0	-1.0	-0.6	+2.4	-0.5	+0.8	+1.1	+0.9	
Projected in	2009	2,558	2,551	2,381	1,979	2,139	14,564	10,427	24,991	
	% difference	-3.0	-2.7	-1.0	-0.7	-0.3	-0.9	-0.4	-0.7	
Projected in	2010	2,570	2,610	2,363	1,984	2,146	14,600	10,401	25,001	
	% difference	-2.5	-0.5	-1.8	-0.4	+0.0	-0.6	-0.7	-0.6	

Source: *Send Harrow - January 2011 - CR - 4P - 2010 Round - 24-5-2011 1554.xls*

### **Roll Projection Methodology**

The GLA's roll projections are based on two methods. The projections are weighted towards the replacement ratio in the short term and the catchment ratio in the longer term.

#### **Catchment ratios**

The underlying population can change over time due to a number of factors (for example, new housing, migration trends and fertility rates) and can run contrary to past trends in the school roll. Information on population changes is therefore a vital part of longer-term school roll projections.

The catchment ratio is the ratio of pupils on roll in maintained schools in the borough to the number of people of the same age in the local population and this method is used to calculate a value for each of the four years of historical actual roll information for each year group. An average is taken and this is used to calculate the number on roll next year for each year group given the number projected to be in the population next year. This ratio is used to project school rolls each year up to 10 years ahead.

This option can be used to project rolls where the local authority wishes to maintain a view of longer-range demand for school places.

#### **Roll Replacement ratios**

The best single predictor of the number of pupils on roll in any one year is the number of pupils on roll one year earlier. For example, the best single predictor of the number of 9 year-olds on

roll in 2009 would be the number of 8 year-olds on roll in 2008. This method is known as the replacement ratio.

Replacement ratios reflect the net effect of gains and losses of pupils in age groups from one year to the next. This combines the effects of cross-border inflows and outflows, and the effects of pupils' changes of school. Pupils who live in one borough and go to school in another are included in the actual rolls of the borough in which they attend school. They are included in the replacement ratio, which therefore takes account of cross-border movement.

For each of the four years of historical roll data, a replacement ratio is calculated for each pair of individual year groups (for example, this year's 8 year-olds used to project next year's 9 year-olds) and an average taken. This is then used to calculate the projected number for subsequent years (up to 10 years ahead).

This method is used to project numbers of pupils in individual groups aged 5 and above. The ratio is applied to the actual roll data for the most recent year to produce the roll for the next year and is particularly useful where changes in the numbers on roll in a local authority do not reflect changes in the local population.

### **Combined catchment and replacement (CR) ratios**

The combined catchment and replacement option combines the two average ratios C and R over the ten years of projections. The first year of projections contains 100% replacement, the second year is 90% replacement and 10% catchment and so on until the 10<sup>th</sup> projection year (which contains 10% replacement and 90% catchment). This is the standard method for projecting school rolls.

*Source - GLA Local Authority User Guide: GLA School Roll Projection Service*