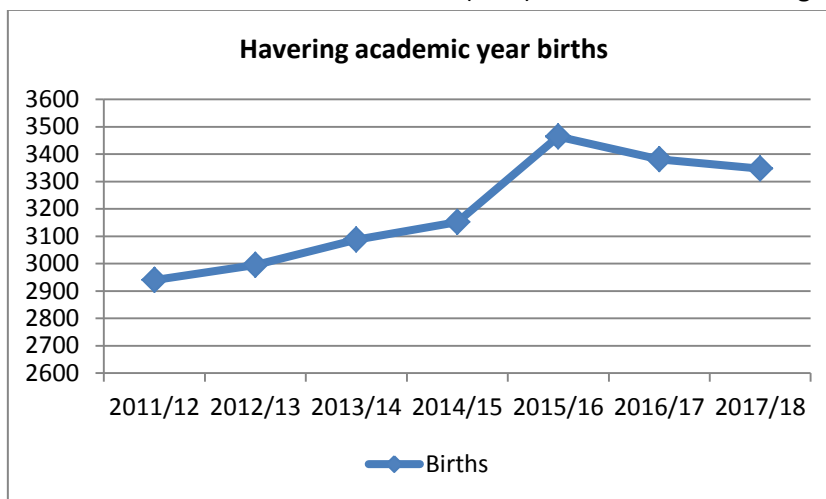


Appendix 1- ONS birth data, GLA school roll projections and GLA population projections

ONS births

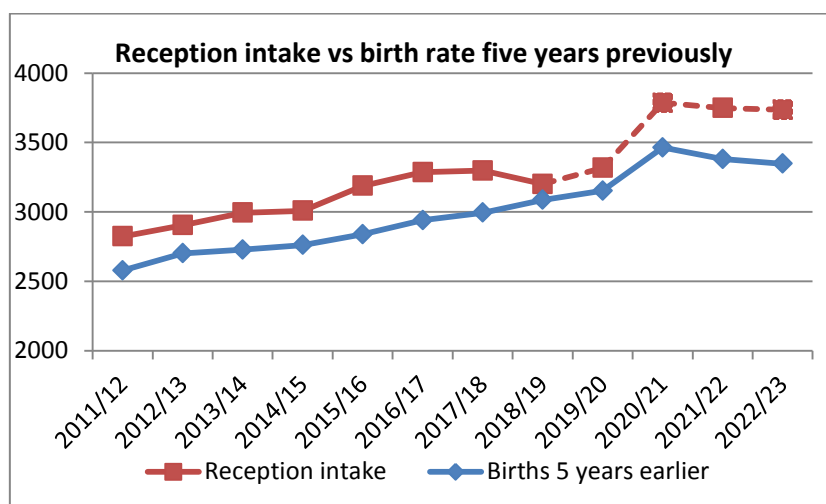
The following chart is actual Office for National Statistics (ONS) birth data for Havering by academic year:



Havering saw a large increase in the birth rate from 2014/15 to 2015/16: the birth rate in 2014/15 was 3152 which increased to 3464 in 2015/16- an increase of 10% year on year. This has led to a large increase in the projected reception intake for 2020/21.

The birth rate for the following year in 2016/17 fell to 3381, followed by a further reduction in the birth rate in 2017/18 to 3347. The need for additional school places in Havering will be largely driven by new housing planned in the borough.

Reception intake vs birth rate five years previously



Please note that the broken line in the above chart indicates that the reception intake is a projection.

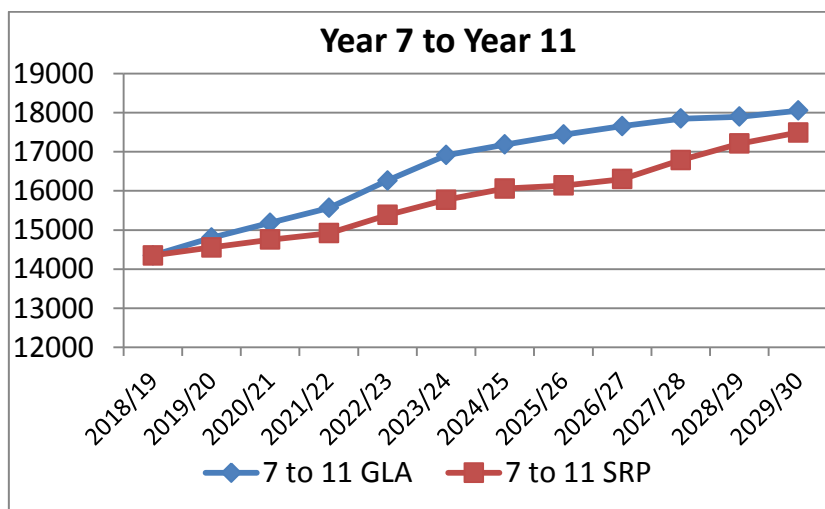
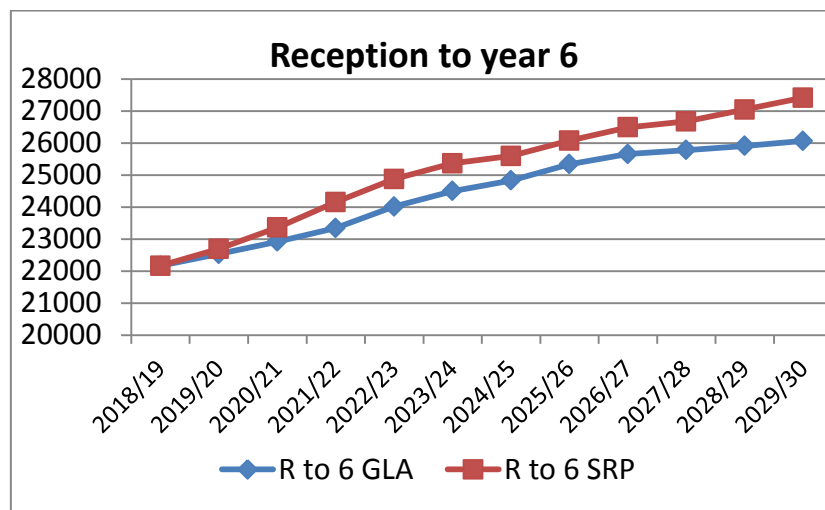
The chart shows that last year the number of children starting reception as a proportion of the birth rate five years earlier reduced (as seen by the closer points on the chart under 2018/19). However the relationship between the projected reception intake and the birth rate widens for future years- a consequence of the new housing planned for Havering generating the need for additional school places.

The relationship between the reception intake and birth rate in Havering five years earlier shows that Havering is a net importer of pupils at reception, i.e. more pupils are expected to start reception at a Havering primary school than were born in borough five years earlier.

GLA School roll projections

In addition to the in-house school roll projection model that we run in order to inform us of future school place demand in Havering, we also buy into the GLA School Roll Projection service which provides us with school roll projections for Havering. Although we receive school roll projections from the GLA, we still use our in-house projections as our definitive set of roll projections. The reason for this is because we are able to make adjustments to our in-house projections that reflect local trends and patterns of movement that may not be captured by the GLA. By being able to incorporate our local knowledge of demographic changes in Havering in our school roll projections; we are able to produce a more robust set of projections that better reflect what is happening on the ground. Nevertheless, the GLA school roll projections provide an important “catch” to the in-house model, ensuring that the roll projections produced by the in-house model remain as accurate as possible.

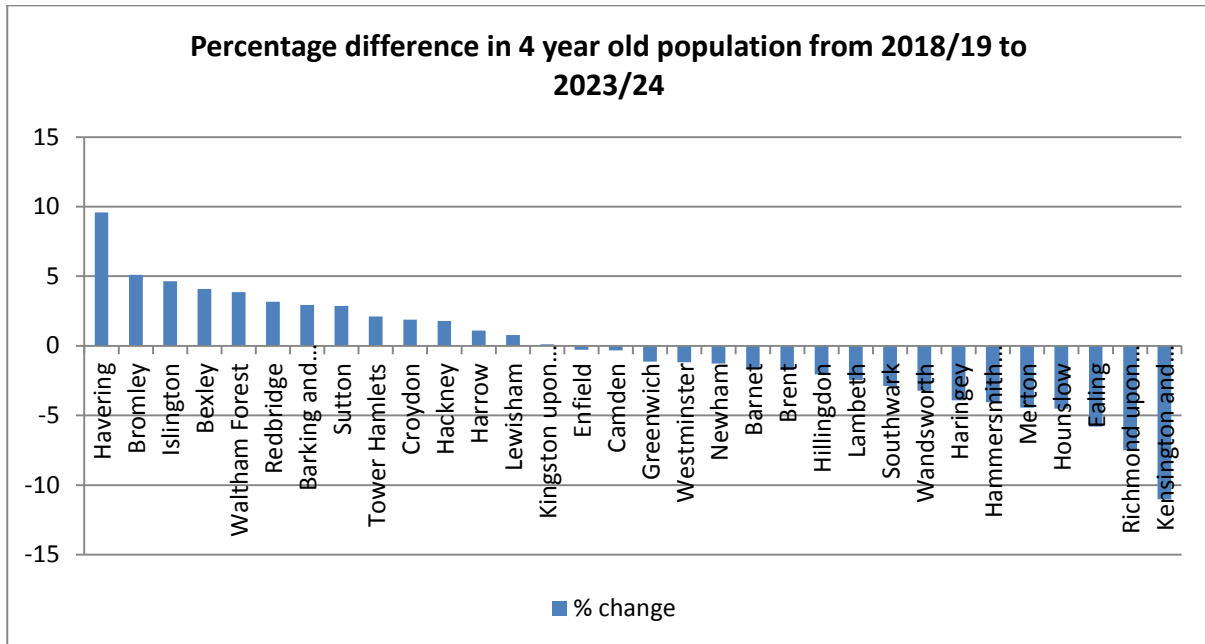
The following is a comparison between the GLA school roll projections (blue line) and the in-house school roll projections (red line) for Havering:



The above charts show that even though projections produced by the GLA and the in-house model do not produce the exact same numbers, the GLA projections for both the primary and secondary phase show a similar trend to those produced by the in-house model, thus providing reassurance regarding the accuracy of the in-house model.

GLA population projections

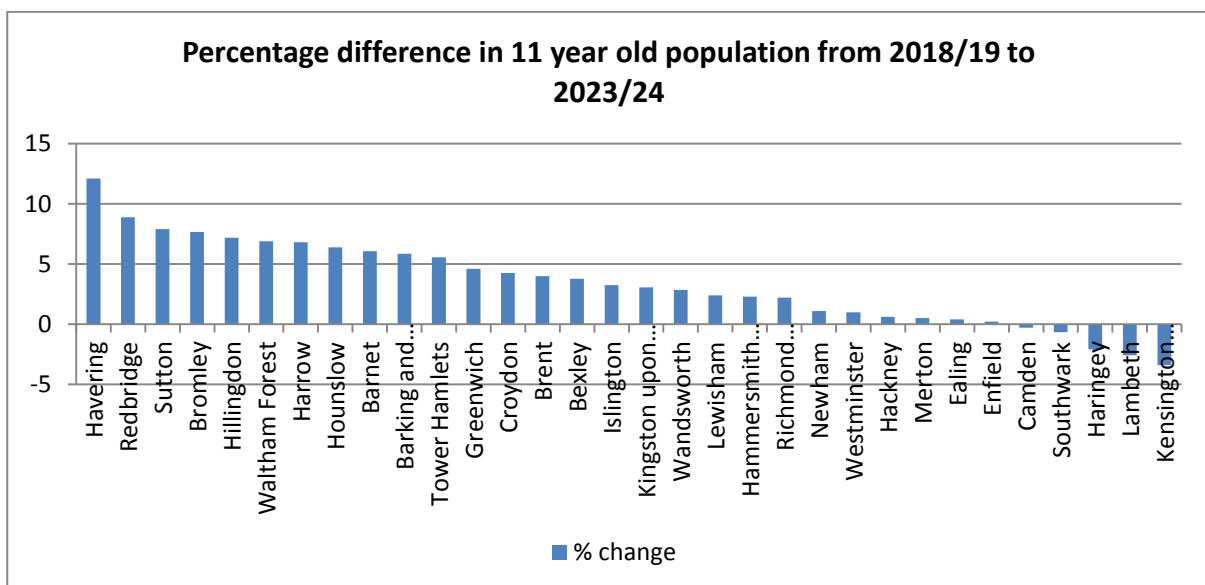
Although much of London is experiencing a plateau or reduction in their primary rolls, this is not the case for Havering where we are still experiencing rising primary rolls. The GLA have produced population projections that show that Havering is the London borough expected to have the largest percentage increase in 4 year old population in London over the five year period 2018/19 to 2023/24:



Source: GLA population projection 2017-based trend projections – medium migration variant for SRP

This data produced by the GLA shows that Havering should expect further demand for primary school places due to an increasing population.

Similarly, although Havering has seen a reduction in the secondary school forecast compared to previous years, the GLA still expects Havering to have the largest percentage increase in 11 year old population in London over the five year period 2018/19 to 2023/24:



Source: GLA population projection 2017-based trend projections – medium migration variant for SRP