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Briefing Note – Population Projections (January 2018)

Both the Office for National Statistics (ONS) and the Greater London Authority (GLA) intelligence unit produce annual population projections.

The ONS have produced 23 projections for 2017 based on different variants such as High fertility, Low fertility, High life expectancy, Low life expectancy etc.

To see the full list of ONS projections please go to:-

<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationprojections>

The GLA have produced 8 standard projections for 2017. They have also provided us with a Borough Preferred Option (BPO). The variants are shown below:-

- Housing Led
- Short-term trend
- Central trend
- Long-term trend
- Ward housing led
- MSOA housing led
- Ethnic group (central trend)
- Ethnic group (housing led)
- Borough Preferred Option (BPO)

As an organisation, ideally we would want to have one variant of population projections for all uses. However, given the diverse nature of local authorities, with services using population projections for various reasons, having just one source is not currently realistic or viable. Most services will use one of the GLA models as these are tailored to meet the unique characteristics of London. This briefing note sets out the differences between the top four GLA population projection models plus the borough preferred option model.

Services are free to decide which projection to use dependant on their particular need, evidence of why they have chosen one particular projection over another should be documented. Please contact Mark Holder (mark.holder@havering.gov.uk), the Customer Insight Officer, for more advice.

The GLA school roll projection service also offers advice regarding which set of population projections may be best suited to generate school roll projections. Havering's school organisation team buys into this service and will liaise with the GLA to produce local school roll projections.

GLA Housing led model

This is a model incorporates a forecast housing development trajectory. The model is based on data from the 2016 Strategic Housing Land Availability Assessment (SHLAA) and the 2016 based central trend projection.

So it uses central trend projections but is linked to the number of homes forecast for the borough from the latest SHLAA. A full explanation of the methodology for all GLA projections can be found at:-

<https://data.london.gov.uk/dataset/projections-documentation>

The projection is provided for the period to 2041.

The GLA has designed the housing led model to give sensible results for all local authorities and, as such, recommends these as the default projection to use for the majority of applications.

This model is currently being used for “**This is Havering**”, our “one version of the truth” for Havering’s key demographic and socio-economic facts and figures (which is currently updated quarterly and available on the Havering Data Intelligence Hub – <http://www.haveringdata.net/jsna/>). If you do not have any specific requirements then this is the version that you should be using.

In addition, this model produces projections at ward level. Because of the number of homes identified for development from the SHLAA data is up to 2,251 units per annum this projection produces the highest value

This model produces a population for Havering at 2027 (10 year projection) of **291,556**

GLA Short term trend model

This is a trend based model using a short-term migration scenario. This projection uses five years of past data to project migration trends. This projection produces the highest trend based population for Havering.

This model produces a population for Havering in 2027 (10 year projection) of **289,392**

GLA Central trend model

This projection uses ten years of past data to project migration trends. The GLA considers this to be the best available projection for strategic planning purposes.

This model produces a population for Havering in 2027 (10 year projection) of **287,622**

GLA Long term trend model

This is a trend based model using a long-term migration scenario. This projection uses 15 years of past data to project migration trends. This projection produces the lowest population for the trend based models for Havering.

This model produces a population for Havering in 2027 (10 year projection) of **284,502**

GLA Borough preferred option (BPO) model

The GLA request ward development data annually and produce a housing led model on the data that we provide to them known as the Borough Preferred Option (BPO) model. We have recently provided the GLA with this data based on agreed assumed development. This model differs from the standard housing led model as in the standard model it uses the SHLAA assumed development. The table below shows the differences in the assumed development for both models.

Year	Housing Led model	BPO Model
2017	295	798
2018	295	799
2019	295	803
2020	2251	807
2021	2251	808
2022	2251	1207
2023	2251	1207
2024	2251	1207
2025	1517	1209
2026	1517	1212
2027	1517	1170

This model produces a population for Havering in 2027 (10 year projection) of **279,007**

Summary of 10 year population projection figures for London Borough of Havering

Projection Model	Population 2027	RECOMMENDATION and Documents/Processes where currently used
GLA Housing led model	291,556	DEFAULT PROJECTION RECOMMENDED BY THE GLA "This is Havering"
GLA short term trend model	289,392	
GLA central trend model	287,622	
GLA Long term trend model	284,502	
GLA BPO model	279,007	

If making comparisons with other local authorities make sure that you are comparing the same models.