



Case Study: Thames Gateway Derived Forecasts

Requirements

Edge Analytics was commissioned by the South Essex authorities of Basildon, Castle Point, Rochford, Southend-On-Sea and Thurrock in partnership with Turley to prepare a Strategic Housing Market Assessment (SHMA).

The project required an analysis of the Greater London Authority (GLA) population forecasts. The GLA model makes key migration assumptions on the flow of population from the capital to the Thames Gateway Districts.

How these alternative forecasts compare and align to the official ONS projections needed to be considered to make a robust assessment on the housing requirements for all five districts.

An assessment of local economic policies and drivers and how their potential affect upon the profile of the workforce population was a key consideration.

Solution

Edge Analytics developed a suite of demographic scenarios for the Thames Gateway authorities using the POPGROUP and Derived Forecast model to draw data from a number of sources, building an historical picture of population, households, fertility, morality and migration on which to base its scenario forecasts.

The Derived Forecast provided a headship rate model for household projections and an economic activity rate model for labour-force projections.

Using historical data evidence for 2001–2015, in conjunction with information from ONS sub-national population projections (SNPPs) and MHCLG household projections, a series of assumptions were derived which drove the scenario forecasts.

Scenario forecasts underpinned the development of a comprehensive SHMA for the Thames Gateway region and its constituent Local Authority Areas.