

#### **HEaDROOM Update Report**

Review of RSS Housing Requirement for Sefton

Sefton Metropolitan Borough Council

4 December 2012

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Registered Office:
14 Regent's Wharf
All Saints Street
London N1 9RL

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## 1.0 Introduction

## **Background to the Study**

- Nathaniel Lichfield and Partners (NLP) produced a study for Sefton Metropolitan Borough Council (SMBC) in March 2011 that analysed local housing requirements within the Borough. The study set out the potential scale of future housing requirements based upon a range of housing, economic and demographic factors, trends and forecasts to help SMBC make informed policy choices through their Local Plan process.
- Taking into account 11 scenarios tested through NLP's HEaDROOM housing framework and the core constraints on development delivery, the analysis suggested a dwelling requirement of around 481 dwellings per annum (dpa) to 2027. This figure was approximate to the demographic projections for the area contained with Scenario A (the Baseline PopGroup model output), and Scenario I (National Rates of Unemployment), set against a variety of balancing factors.
- The report recommended the future recalibration of the model with the most upto-date statistical evidence, specifically the CLG 2008-based household
  projections once these had been integrated into the PopGroup model. This was
  to allow consistency of application and to ensure that the data was as robust
  as possible going into the Local Plan Examination in Public. Following the
  release of this data, NLP updated the work, including a new scenario which
  constrained the housing supply at a given level from 2010 to 2027 (based
  upon Strategic Housing Land Availability Assessment [SHLAA] data provided by
  SMBC).
- The revised PopGroup Model Runs, produced by NLP in February 2012, indicated that incorporating lower headship rates and household growth forecasts from the latest CLG 2008-based household projections, resulted in a corresponding reduction in the dwelling requirements identified in the Baseline model, from 481 dpa to 438 dpa. This latter figure was more in line with the CLG household forecasts¹ but is lower than the 481 dpa figure NLP recommended in the earlier report. The February 2012 work was only ever intended as an interim update prior to the commissioning of further work, and was never published by the Council.
- 1.5 It should be noted that the March 2011 analysis incorporated 2006-based household forecasts, which generated higher growth forecasts for Sefton than the February 2012 update:

<sup>&</sup>lt;sup>1</sup> 367 dpa, based on the household growth forecast for the period 2008-2028 and allowing for a 4.9% vacant homes rate. The 294 dpa figure quoted in the earlier HEaDROOM report was calculated on the basis of the earlier 2003-28 time period.

- a **2006-based** household forecasts for Sefton: household growth of 8,000 (400 p.a.) 2006-2026;
- b **2008-based** household forecasts for Sefton: household growth of 6,000 (300 p.a.) 2006-2026 (350 p.a. 2008-28).
- Following the recent release of the ONS 2010-based sub-national population projections (SNPP), Interim 2011-based SNPP, and selected 2011 Census population data, it was recognised that there was a need to undertake a refresh of the previous HEaDROOM work to ensure that the housing requirements are as up-to-date and robust as possible to support the advanced stages of the Borough's Local Plan preparation process.
- This report therefore presents the findings of NLP's updated demographic analysis regarding the level of housing that may be appropriate for SMBC to plan for over the period 2011 to 2031. This does not seek to replicate the contextual analysis undertaken previously, but focuses specifically on revised modelling work, analysis and implications (along with a short comparison with the previous work and discussion on any differences between the reports). This report also provides an updated sub-area split, using the latest available data regarding completions, commitments, affordable housing delivery and need.

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## 2.0 Methodology

- Taking forward the methodological approach outlined in detail in the 2011
  HEaDROOM report (and summarised in Appendix 1 of this note), the following changes differentiate the scenarios requested by SMBC from the previous report and the subsequent February 2012 update:
  - a **Scenario 1 Updated PopGroup Baseline:** This scenario represents a projection of the demographic shift based on current factors and recent trends in Sefton. The updated scenario uses the same broad approach as for the previous baseline (Scenario A in the 2011 report and Scenario 1 in the 2012 update), but incorporates the 2008-based CLG household forecast headship rates and 2010-based SNPP ONS population projections<sup>2</sup>. Other differences include a base date of 2011 rather than 2010; an extension of the end of the Plan period to 2031 rather than 2027/32; and changes to the commuting and unemployment rates<sup>3</sup> to reflect the latest data from NOMIS;
  - b **Scenario 2 Updated urban containment option:** This supply-led scenario comprises a variation on the baseline model which constrains the housing supply at a given level (at around 3,845 additional units) from 2011 to 2031, based on the availability of deliverable and developable brownfield sites in SMBC's SHLAA;
  - Scenario 3 Zero Net Migration: whereby the annual international and domestic migration flows under the baseline scenario are equalised to result in a net migration of zero (i.e. an identical number of people move into the area as leave the Borough, hence in 2015, the baseline international in-migration totals 1,025, whilst out-migration totalled 587; this was subsequently split to equal 806 international migrants in and 806 out);
  - d **Scenario 4 Stable Population:** This scenario was modelled to examine the housing implications of a stable population over the plan period. Hence instead of a forecast growth in population (resulting from natural change and net in-migration) to 2031, the 2011 figure of 274,970 (and the number of people within each of the age cohorts) was held constant to 2031. This ensures that unlike many of the other scenarios, whereby

 $<sup>^2</sup>$  Note: a 2011 based resident population of 274,970 for Sefton was taken from the latest 2010-based midyear SNPP estimates. This is slightly higher than the recently released 2011 Census data, which recorded a total resident population of 273,800 for Sefton. Whilst the latter figure could have been used to benchmark the 2011 population figure, this would have required various assumptions to disaggregate the 5-year age cohorts in the Census. As the two figures are within 0.5% of one another, the more detailed ONS SNPP data was utilised.

<sup>&</sup>lt;sup>3</sup> It is apparent from Appendix 1 and Appendix 2 that the PopGroup model provides the number of jobs associated with each scenario. This is purely 'supply-led' and is calculated by applying the forecast rate of employment and economic activity rates to the number of economically active residents in each scenario (an adjustment is also made for commuting patterns). It does not mean that people will become unemployed as a result of the housing supply situation assumed for each scenario.

the proportion of people in the older age cohorts increases at the expense of the younger generation (reducing the average household size over time), the split remains constant across the generations to 2031;

e **Scenario 5 – Local Plan Employment Land Based:** This involved interpreting the level of job growth commensurate with Sefton's Employment Land & Premises Study findings and factoring this into the PopGroup model. The economic scenarios are based upon an understanding of the relationship between housing and employment. The projected migration is set at a level which, alongside the profile of migrants moving in and out and natural change, produces a labour force which is sufficient to support employment growth in the Borough;

SMBC's Employment Land and Premises Study (2012), which comprises part of the evidence base for the emerging Local Plan, concluded that SMBC should provide a total of 84.38ha of employment land to 2031. By applying a typical plot ratio of 40% and an approximate employment density of 1 job per 40 sqm (across all types of B1, B2 and B8 employment land), this would equate to around 8,440 jobs. On the basis that typically, only about 45% of workers work in 'B class' jobs<sup>4</sup>, this would mean that Sefton is planning for the provision of around 18,750 net additional workers in the Borough over the plan period.

To maintain the labour force with sufficient people to underpin these jobs (assuming that the ratio of jobs to workers – a measure of commuting – remains constant and unemployment is reduced in line with the other scenarios) would require a rate of in-migration significantly above that which has been observed in recent years. This assumes that all sites will be used efficiently and deliver outputs of 1 job per 40 sqm; that local employment rates will remain above the national average; that the jobs delivered will be entirely 'new' to the area (rather than existing companies relocating); and that the current high levels of out-commuting in Sefton will continue. Clearly, if these assumptions are not borne out, then the housing implications could be different.

- f Scenario 6 Limited Green Belt release: This supply-based scenario makes provision for the latest SHLAA housing capacity as identified in Scenario 2 above, plus a limited Green Belt release of around 2,000 units and 400 units at the prison site to the east of Maghull (we understand that this site may no longer be needed for a prison and could be promoted for housing development in the near future).
- g **Scenario 7 Constant Labour Supply:** This explores the resulting housing requirements of Sefton if a hypothetical situation were to arise whereby the current local labour supply in the Borough (equal to 121,310 economically active residents in 2011) remains constant to 2031.

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<sup>&</sup>lt;sup>4</sup> GVA Grimley (2009): Planning for Prosperous Economies: Maximising the Role of the Non-B Class Use Sector

h Scenario 8 – Adjusted International Migration Rates: The latest ONS 2010-based SNPP utilises a new methodology for estimating immigration to Local Authorities in England and Wales. This uses a range of administrative sources for the last 5 years, mid 2006-2010, to directly distribute the national England and Wales long term immigration total to local authorities<sup>5</sup>; this goes beyond the previous approach, which used UK destination information from the International Passenger Survey and distributed this down to Local Authority level through a series of intermediate steps. This new approach has resulted in a significant uplift in the estimated rate of immigration into Sefton, increasing the annual influx from around 400 immigrants against 1,000 emigrants going forward, to 1,000 in and 600 out annually. This has had profound implications for the PopGroup Baseline forecasts in Scenario 1.

Clearly we do not disagree with any drive by ONS to improve the accuracy of their data. However, given the wide discrepancies between the two approaches, a sensitivity test has been undertaken which modelled the implications of taking a longer time frame than the 5-year range used to inform the latest ONS projections. A notable feature of the new indicative immigration data made available by ONS<sup>6</sup> is that the share of international immigrants going into Sefton is now estimated at around 10.7% of the sub-regional total, compared to around 4.5% previously, with Liverpool City's share falling as a consequence. This is addressed in greater detail later in the Report.

Applying this higher proportion to immigration rates pre-2006 and taking a 9-year average suggests an annual immigration figure of  $798^7$ . Although the data on emigration has not been revised in this manner, the average over the same time period has been around 689 annually.

This scenario therefore constrained levels of international in-migration to 800 per annum between 2011 and 2031, allowing for 690 Sefton residents moving in the other direction.

#### Reality Checks:

a **2008-based CLG Household Projections:** This incorporates CLG's standalone 2008-based household projections (which are based upon the

<sup>&</sup>lt;sup>5</sup> The approach splits the International Passenger Survey into different streams, mainly by 'reason for migration' (e.g. worker, student, other) and then maps each stream to the most relevant administrative sources which are then used to distribute immigrants to each local authority. For example, workers are distributed using National Insurance (NINo) data from the Department of Work and Pensions (DWP); students are mainly distributed using Higher Education Statistics Agency (HESA) data, while children and some other migrants are distributed using 'Flag 4s' from the GP patient register data (PRD). Source: ONS (2011): 'Improved Immigration Estimates to Local Authorities in England and Wales: Overview of Methodology'

<sup>&</sup>lt;sup>6</sup> ONS (2011): Table A. Indicative Local Authority Immigration Impacts by Year (mid-2006 to mid-2010)

<sup>&</sup>lt;sup>7</sup> For comparison, the annual average using just the Indicative Local Authority Immigration Impacts by Year (mid-2006 to mid-2010) equates to 812 new immigrants per annum moving into Sefton from abroad.

- ONS 2008-based sub-national population projections), allowing for second homes/vacant units<sup>8</sup>.
- b **SHMA requirement:** The Sefton SHMA (2009) identified a critical need for 1,230 new affordable housing dwellings (i.e. 246 per annum over 5 years) in Sefton from the notional study base date in mid 2008.
- Past delivery rates: The rate of delivery of dwellings provides a proxy for realisable demand for housing development within Sefton and provides an indication of what might be delivered going forward. Based on long term paper records and Housing Flows Reconciliation [HFR] returns, SMBC estimate that the total gross new build annual average figure for the Borough as a whole over the past 30 years equates to 470 dpa. This was projected forward to 2031 on a pro-rata basis.

# Understanding differences in the Sefton base data 2010-2012

- As noted above, the key inputs to the PopGroup Baseline include the ONS 2010-based population projections. However, it is important to note that the original HEaDROOM modelling incorporated data relating to the earlier 2008-based ONS population projections. The latest dataset has very different growth forecasts for Sefton, which has knock-on effects for the PopGroup modelling exercise.
- 2.3 The clearest indication of the differences between the two data sources relates to the population growth forecasts. Figure 2.1 shows the clear divergence between the projections, whereby the 2008-based projections indicate a continuation of the trends experienced in Sefton throughout the 1980s and 1990s, with the population declining from 274,200 in 2008 to 265,800 in 2027 (a fall of 8,400 or 3.1%). Conversely, the more recent projections suggest the exact opposite a growth in population of 9,900 to 283,400 to 2027 (+ 3.6%).

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<sup>&</sup>lt;sup>8</sup>A rate of 4.7% has been factored into the model, based upon the most recent vacancy data available for Sefton Borough (Calculation of Council Tax Base for Formula Grant Purposes CTB, October 2011). In straightforward terms, translating households into dwellings for any given year involves the following equation: total households / 0.953 = total dwellings. As such, the occupation of a formerly vacant home reduces the need for a new build property on a one-for-one basis.

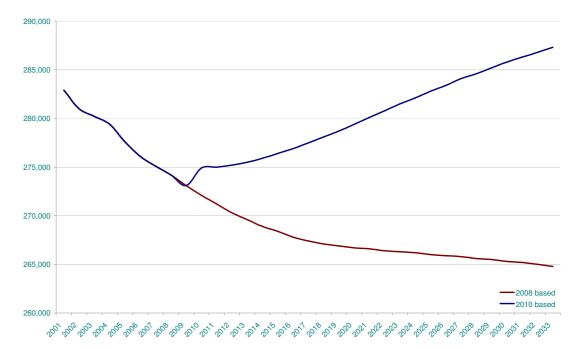


Figure 2.1 Comparison ONS Population Projections 2008/2010 based

Source: NLP Analysis / ONS SNPP 2008/2010-based population projections

Sefton is not the only Borough that has experienced significant differences between the two projections. Liverpool, for example, was forecast to grow by around 14,500 (2011-2027) in the 2008-based projections; this was subsequently increased to +28,300 residents in the updated forecasts. Conversely, and using one of the more extreme examples, Leeds was forecast to grow by 145,800 residents 2011-27 previously; this fell by a massive 43,300, to +102,500 in the latest version.

Natural change, or the balance between births and deaths, differs little between the two forecasts – the 2008-based projections suggested that deaths would exceed births by an average of 290 residents per annum between 2011 and 2027, compared to a net loss of around 100 annual residents over the same time period using the 2010 based projections.

The most important difference relates to migration rates. Table 2.1 indicates that the number of net domestic in-migrants is actually forecast to decline slightly in the latest set of projections, resulting in a net increase of just 212 residents annually compared to 535 under the 2008-based projections. However, this is outweighed by the revisions to international migration – whereas previously the ONS considered that there would be a net loss of 600 residents emigrating from Sefton, the 2010 revisions suggest an increase of almost 420 net immigrants per annum.

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Table 2.1 Changes to Migration: 2008 vs. 2010 ONS Population Projections

C	ONS 2008-based Projections	ONS 2010-based Projections
Domestic Migration In	8,276	8,194
Domestic Migration Out	7,741	7,982
International Migration In	400	994
International Migration Out	1,000	576
Net Annual Average Migration	-65	+629

Source: ONS 2008/2010 SNPP Population projections

From discussions with ONS statisticians, it appears that there is a combination of factors underpinning this change in direction for international migration to/from the Borough. As noted in the methodological approach underpinning Scenario 8 above, the most obvious reason is that the two datasets rely upon trend based data covering different time periods - the 2008-based forecasts looked at natural change and migratory shifts for the period 2004-08; whereas the latest forecasts use the later period 2006-10. Clearly this latter period includes the recession and its aftermath, when many people's employment situation and life choices changed significantly.

Other factors include the national trend towards an increase in the birth rate since the 2007/08 recession, which has been partly influenced by the tightening job market and people taking the opportunity to start a family until the economic situation recovers.

A final methodological change relates to changes in the way the ONS gathers data on the distribution of international migrants. As noted above, this has become more sophisticated and supplements the original entry questionnaire with checks using administrative data at a local level. The ONS considers that this provides a more accurate picture of where immigrants are moving to in England, but also suggest that certain parts of the country have been under/over represented in the past.

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## Defining a Revised Local Housing Requirement

The demographic scenarios model a number of variables relating to future population and household composition to understand how residents' requirements for housing are likely to change over the plan period. These projected population adjustments comprise of natural change (i.e. births and deaths) and net migration, for which the headline results for each scenario are outlined below. It should be noted that some of the scenarios below have been modelled for benchmarking purposes only and are unlikely to represent realistic approaches or outcomes.

#### Scenario 1 - Baseline PopGroup Scenario

The PopGroup modelling is based solely on ONS<sup>9</sup> assumptions for natural change, using projected fertility and mortality rates and ONS 2010-based subnational projections for migration. This scenario involves projecting net inmigration across the period 2011-31 as set out in the ONS 2010-based SNPP. As a result of significantly higher levels of population growth projected by ONS for Sefton to 2031, the number of households identified for the Borough is much higher than previously indicated, despite lower household formation and headship rates in the latest 2008-based CLG forecasts.

Population growth is forecast to increase from c.275,000 in 2011 to around 286,290 in 2031, with a progressively ageing population. This growth of around 11,320 (or 566 per year) stands in stark contrast to the 6,000 decline in population forecast under the 2008-based ONS population projections just two years previously, and which underpinned the earlier Sefton HEaDROOM data. The strong growth is attributable to migration, with a net influx of 5,900 domestic migrants moving into Sefton and a more significant net influx of 8,760 in-migrants from abroad (comprising 20,710 immigrants compared to 11,950 Sefton existing residents emigrating). Conversely, deaths are expected to out-number births in the Borough to 2031, resulting in a net loss of around 3,350 residents through natural change.

Factoring in the continued trend towards reduced average household sizes, this leads to a projected growth in households of around 14,240 to 2031 and a concurrent need for additional dwellings. Taking into account the 1<sup>st</sup> October 2011 dwelling vacancy rate and second homes for the Borough (4.7%), this generates a requirement of 14,940 dwellings between 2011 and 2031 (an increase of 12%<sup>10</sup>).

<sup>&</sup>lt;sup>9</sup> Official Population Forecasts are produced by the Office for National Statistics [ONS], and Household Forecasts are published by the Department for Communities and Local Government [CLG]

<sup>&</sup>lt;sup>10</sup> In Sefton (as in any area), housing vacancies and second homes will result in the number of dwellings exceeding the number of households. In establishing future projections, it is likewise expected that the dwelling requirement will exceed the household forecast. Hence a rate of 4.7% (based on the latest LA Council Tax Base [CTB] for Formula Grant Purposes for October 2011) has been factored into the model, based upon the most recent vacancy data available for Sefton Borough.

#### Scenario 1: 14,940 dwellings 2011-2031, 747 dwellings per annum

#### Scenario 2: Urban Containment

This supply-based scenario explored the demographic implications of providing around 3,900 dwellings on predominantly brownfield sites in the Borough from 2011 to 2031 (based on data provided by SMBC relating to the Interim 2012 SHLAA update, base dated to 1<sup>st</sup> April 2012). By constraining the PopGroup model on this basis, and working backwards to test the number of residents/households that could be accommodated as a result, this scenario models population decline of 13,910 residents to 2031, a level considerably out of step with the latest ONS growth forecasts. However, the number of households would still increase by around 3,740, and an increased number of dwellings would need to be provided (196 dpa). The implications include a substantial reduction in the number of economically active residents (of 19,690), and a fall in the number of jobs, by 12,630.

#### Scenario 2: 3,920 dwellings 2011–2031, 196 dpa

#### Scenario 3: Zero Net Migration

Equalising the in-migration and out-migration figures for 2011 to the end of the plan period has a substantial impact on housing requirements, reducing the requirement from 747 dpa under the baseline, to 375 dpa. This level still appears relatively high, considering the population is declining; however, it is a function of the continued need for housing given social trends towards smaller household size, with more people living alone. Furthermore, whilst migration may be neutralised in terms of absolute numbers, the demographic characteristics of the in-migrants are different to those of the existing population, with a slight rise in the number of people aged over 65, who generally comprise smaller household units than across the population as a whole. This scenario would lead to a population loss of 5,700 people between 2011 and 2031 in Sefton, alongside a loss of 15,930 economically active residents and potentially the need for around 9,900 fewer jobs.

#### Scenario 3: 7,500 dwellings 2011-2031, 375 dpa

#### Scenario 4: Stable Population

Artificially maintaining the population at the 2010-based SNPP ONS estimate of around 274,970 in 2011 would result in a growth in household formation due to the national trends described above. As a result, the number of new households in the Borough would increase by 4,510 between 2011 and 2031, equating to a need for 4,730 dwellings, or 236 dpa. This scenario would result in a modest increase in the number of economically active residents of 960, due to forecast increases in the retirement age. It would also result in the number of jobs increasing by around 2,330, a function of the increase in the

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age of retirement for both sexes, but also the likely downward adjustment to the current high levels of unemployment as the economy recovers over time.

It should be noted that the stable population scenario assumes that there will be no change in the number of people in each age cohort. This is clearly counter to other trends modelled, which involve a significant rise in the number of people over the age of 65, often at the expense of the younger age cohorts. Recognising the household formation rates of different age groups, this scenario therefore results in a smaller reduction in the number of families than other scenarios, together with a much smaller increase in the number of single people households and couples. Hence a much smaller dwelling requirement is generated than other migration-led scenarios.

#### Scenario 4: 4,730 dwellings 2011-2031, 236 dpa

#### Scenario 5: Local Plan Employment Land Based

This economic scenario is based upon an understanding of the relationship between housing and employment. The projected migration is set at a level which, alongside the profile of migrants moving in and out and natural change, produces a labour force which is sufficient to support planned employment growth in the Borough (commuting rates are assumed to remain constant, whilst unemployment would decline gradually over time to reflect the approach taken in the other scenarios). As noted in paragraph 2.1e, planning for 84.38ha of additional employment land over the plan period could result in the generation of around 18,750 net additional jobs.

This level of job growth is in contrast to the decline in jobs forecast under the Baseline Scenario 1; hence to generate the job growth planned for would require a very substantial increase in the resident population, of around 71,910; household growth of 38,450 and a dwelling requirement of 40,350, or 2,017 dpa. Such an approach assumes that commuting patterns would remain constant over time, although clearly if there was a significant increase in the number of in-commuters into the Borough the number of homes required to justify such a growth in jobs would subside accordingly. A similar situation would occur if the local unemployment rate were to reduce as a result of the new influx of job opportunities, with a corresponding reduction in the number of in-migrants required.

Furthermore, it may be assumed that the new economic in-migrants moving into the Borough to take advantage of these job opportunities are likely to have a lower unemployment rate than the Borough-wide average. As such, the figure quoted below should be treated very much as a maximum; this scenario very much represents a theoretical proposition and one which would be unlikely to be achievable in reality. Clearly, if these assumptions are not borne out, then the housing implications could be different.

#### Scenario 5: 40,350 dwellings 2011-2031, 2,017 dpa

#### Scenario 6: Limited Green Belt Release

This scenario, as with Scenario 2, is a supply-led projection that examines the demographic implications of providing a set target of housing 2011-31: in this case, of around 6,245<sup>11</sup> allowing for a higher level of release including the potential for around 2,000 dwellings the Green Belt. Such an approach would still be insufficient to see sustained growth in population, with a continued decline in the order of 8,300 2011-31, although the number of households would continue to increase by around 6,010. The number of economically active people would again fall significantly, by 16,840, whilst the number of jobs would drop by 10,560.

#### Scenario 6: 6,300 dwellings<sup>11</sup> 2011-2031, 315 dpa

#### Scenario 7: Constant Labour Supply

This scenario keeps the number of economically active people constant, at around 121,310, between 2011 and 2031. The implications of such a scenario are that although the number of jobs would increase (by around 1,640) due to adjustments to the unemployment rate in the medium term, the resident population would need to increase by 25,220 to 2031, and the number of households by 19,630, due to the ageing population. This results in a need for 20,600 dwellings to 2031 at a rate of 1,030 dpa.

#### Scenario 7: 20,600 dwellings 2011-2031, 1,030 dpa

#### Scenario 8: Adjusted International Migration Scenario

This scenario adjusts the numbers of migrants moving into Sefton from abroad, and also the number of local residents moving in the opposite direction, at a rate of 800 residents in/690 residents out per annum 2011-31. The implications of such a scenario are pronounced; the population increases by around 3,380 over the period 2011-31 instead of the 11,320 growth under the PopGroup Baseline, whilst the number of households increases by 10,680 instead of 14,240. As a result, the number of dwellings required also falls significantly, with a need for 11,200 dwellings to 2031 at a rate of 560 dpa. The number of economically active residents would, however, decline significantly, by around 11,260 between 2011 and 2031, and the number of jobs would also decrease accordingly, down by around 6,520 over the 20 year period.

#### Scenario 8: 11,200 dwellings 2011-2031, 560 dpa

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 $<sup>^{11}</sup>$ Note: due to rounding errors, the PopGroup model has factored in a dwelling requirement of 6,303, rather than 6,245.

### **Sensitivity Tests**

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A number of sensitivity tests were applied to the forecasts to allow an accurate assessment to be made of their robustness and acceptability. These are described in turn below.

#### Reducing the Vacancy Rate

The 8 scenarios modelled above have assumed that the 1<sup>st</sup> October 2011 vacancy rate (including second homes) of 4.7%<sup>12</sup> in Sefton Borough remains constant over time. The minimum level of transactional vacancy that is required is normally viewed as 3%<sup>13</sup>, hence 4.7% is not atypical<sup>14</sup>. Tackling vacancy rates has long been an aspiration of SMBC. Despite the complex issues involved, we have taken a precautionary view and assumed that current stock vacancy/second homes rates of 4.7% could reduce gradually over the next 15 years, to 4% by 2031. It is understood that 3% is unlikely to be a realistic benchmark for Sefton to achieve given the situation on the ground and available funding. It should be noted that any reduction in vacant dwellings achieved would be a key challenge for the Borough, and that the success of any Borough–wide initiatives to address this will be a point to address in future monitoring exercises.

Table 3.1 compares the annual dwelling requirements going forward with the (generally) lower requirements once the vacancy level has been reduced (the supply-led scenarios are necessarily excluded as their housing targets were preordained from the outset). By encouraging greater occupancy of the existing dwelling stock, the number of homes required under the PopGroup Baseline scenario could reduce from 747 dpa to 696 dpa, a reduction of around 1,020 dwellings over the 20 year time period.

Table 3.1 Sensitivity Test Comparison – Reducing the Vacancy Rate to 4.0% in Sefton ov	er time
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Scenario	<b>2011-31</b> dpa	2011-31 total
1a. PopGroup Baseline	747	14,943
1b. Vacancy Sensitivity Test	696	13,922
2a. Urban Containment (SHLAA)	196	3,920
3a. Zero Net Migration	375	7,498

<sup>&</sup>lt;sup>12</sup> Using the Council Tax Base for Formula Grant Purposes (October 2011)

<sup>&</sup>lt;sup>13</sup> A vacancy/second homes rate of 3% is widely regarded as the level necessary to ensure the efficient recycling of the existing stock. It should be noted, however, that because of Sefton's attractive coastal location, it is likely to have a higher than average proportion of second homes than many other districts in the Region.

 $<sup>^{14}</sup>$  The comparable rate for the North West region as a whole, for example, is 4.6%, again using the Council Tax Base for Formula Grant Purposes dataset (October 2011)

Scenario	<b>2011-31</b> dpa	<b>2011-31</b> total
3b. Vacancy Sensitivity Test	327	6,531
4a. Stable Population	236	4,729
4b. Vacancy Sensitivity Test	189	3,782
5a. Local Plan Employment Land Based Scenario	2,017	40,346
5b. Vacancy Sensitivity Test	1,957	39,139
6a. Limited Green Belt release	315	6,303
7a. Constant labour supply	1,030	20,600
7b. Vacancy Sensitivity Test	977	19,537
8a. Adjusted International Migration	560	11,202
8b. Vacancy Sensitivity Test	510	10,208

Source: NLP Analysis

Table 3.2 presents a further extrapolation of vacancy rates for the main scenarios (excluding the two supply-led scenarios), demonstrating the reduction in new homes that would be required should vacancy levels be reduced on a sliding scale from 4.7% to 3.0% between 2011 and 2031.

Table 3.2 Sensitivity Test Comparison – annual dwelling requirements with 4.7% - 3% Vacancy Rates

Scenario	4.7% Vacancy	4.5% Vacancy	4.0% Vacancy	3.5% Vacancy	3.0% Vacancy
1a. PopGroup Baseline	747	732	696	660	624
3a. Zero Net Migration	375	361	327	292	259
4a. Stable Population	236	223	189	156	123
5a. Local Plan Employment Land Based Scenario	2,017	2,000	1,957	1,914	1,872
7a. Constant labour supply	1,030	1,015	977	939	902
8a. Adjusted International Migration	560	546	510	475	441

Source: NLP Analysis

#### CLG 2008-based Household Forecasts

The ONS 2010-based SNPP were released published by ONS in March 2012, after the initial HEaDROOM modelling had taken place for SMBC. However, the equivalent CLG produced household forecasts, which use the SNPP to estimate future household growth in each local authority, are based upon the ONS projections. These necessarily remain one step behind, and hence the latest estimates remain the 2008-based estimates. These household forecasts are

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based on the 2008-based ONS SNPP, which projected population decline rather than growth (see below).

Paragraph 159 of the Government's NPPF states that LPAs should have a clear understanding of housing needs in their area, identifying the scale and mix of housing and the range of tenures that the local population is likely to need over the plan period which 'meets household and population projections, taking account of migration and demographic change'.

The 2008-based SNPP estimated that the population of Sefton would decrease by 8,600 people between 2008 and 2028, equivalent to a loss of around 430 people per annum. CLG household projections estimate this to be equivalent to a rise in households by 7,000 over the equivalent period 2008-2028 (rounded to the nearest 1,000), and up to 8,000 between 2008 and 2033. Assuming the growth between 2028 and 2031 takes place on a pro-rata basis, this equates to a growth of 6,400 households between 2011 and 2031, or 320 additional households per annum. Taking into consideration the vacant/second homes rate for the Borough, this would result in a requirement for around 6,715 dwellings between 2011 and 2031, at a rate of **336 per annum**. This level of housing requirement is lower than all of the aforementioned scenarios save for Scenarios 2 (urban containment), 4 (stable population scenario) and 6 (Limited Green Belt release). However, the other scenarios incorporate the 2010-based ONS projections, which envisage a population some 8% higher by 2031 than the previous 2008-based forecasts.

#### Housing Need - SHMA

As noted in the earlier HEaDROOM report, the Sefton Strategic Housing Market Assessment (SHMA) was undertaken by Fordham Research and the Final Report was published in June 2009. It sets out the need and demand for housing, particularly estimating the need for affordable housing. The SHMA identified a pressing or critical need for a minimum of 1,230 new affordable housing dwellings (i.e. 246 per annum over 5 years) in Sefton from the notional study base date in mid 2008.

This range is similar to the urban containment Scenario 2, although it should be recognised that this figure is for affordable housing need only, and does not factor in the wider need for general market housing (either owner-occupied or private rented) to support households that are not classified as being 'in need' (or, in practical terms, to help support the delivery of affordable housing through s.106 contributions). At a typical rate of around 30% of total housing provision, this would lead to a requirement of around 820 dpa, which is much closer to the PopGroup Baseline figure of 747 dpa. It should be noted, however, that the SHMA only looks forward 5 years, and assumes that all 'critical' affordable housing needs will be met within a 5 year period. The SHMA assessment will need to be reviewed over time, and we are aware that the Council will be reviewing this figure as part of a refresh to the SHMA.

#### **Past Delivery Rates**

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Figure 3.1 indicates that past net completions in Sefton have averaged 470 dwellings (net) per annum over the past 30 years, stretching back to 1982-83<sup>15</sup>. As noted previously, past delivery rates have been stymied by Policy H3 of the Sefton UDP, which applied a housing restraint mechanism when the number of homes built exceeds Sefton's target by 20% over a three-year period. The housing restraint mechanism was relaxed in December 2008, having been in operation since June 2003<sup>16</sup>. High levels of demolitions, including those associated with the HMR programme, have also skewed recent completions figures (see Figure 3.1).

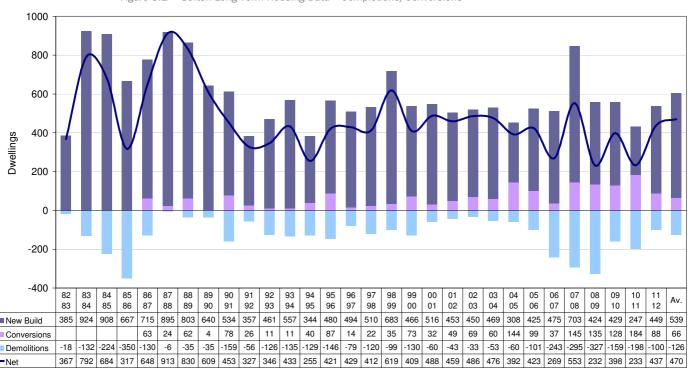


Figure 3.1 Sefton Long Term Housing Data - Completions/Conversions

Source: Based on data provided by SMBC Council Officers 2012

A peak of 848 new dwellings was built/converted in 2007/08 despite the policy of housing restraint. It is understood that this was primarily due to the large pool of historical planning permissions that could not be subject to control over delivery.

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 $<sup>^{15}</sup>$  For the period 04/05 to 11/12 and on review there was a historical under recording of demolitions and this affects the net completion figures for those years

 $<sup>^{16}</sup>$  The relaxation was due to the recently published Regional Spatial Strategy for the North West increasing the housing target for Sefton from 350 a year to 500 a year from 2003 to 2021 (the former a maximum figure, the latter a minimum figure), meaning that there no longer was an over-supply of new housing compared to the housing target.

In this regard, looking at a 30 year build rate period allows consideration of typical build rates over several economic cycles; the 470 dpa long term average figure sits between the supply-led housing constraint scenarios and zero-net migration figures at the bottom end, and the unconstrained demographic and economic scenarios at the top end.

### **Summary**

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The Scenarios indicate a wide range of housing requirements for the period 2011 to 2031, based upon different indicators of what the need for housing within Sefton could be. These are summarised in Table 3.3.

Table 3.3 Summary of Scenarios

	Per annum	2011-31
1a. PopGroup Baseline	747	14,943
1b. PopGroup Baseline Vacancy	696	13,922
2a. Urban Containment (SHLAA)	196	3,920
3a. Zero Net Migration	375	7,498
3b. Zero Net Migration Vacancy	327	6,531
4a. Stable Population	236	4,729
4b. Stable Population Vacancy	189	3,782
5a. Local Plan Employment Land Based Scenario	2,017	40,346
5b. Local Plan Employment Land Based Scenario - Vacancy	1,957	39,139
6a. Limited Green Belt release	315	6,303
7a. Constant labour supply	1,030	20,600
7b. Constant labour supply – Vacancy	977	19,537
8a. Adjusted International Migration	560	11,202
8b. Adjusted International Migration - Vacancy	510	10,208

Note: Scenarios coloured light grey assume a vacancy rate of 4.7% and those coloured dark grey assume a vacancy rate of 4%.

As indicated above, projected dwelling requirements range from as low as 196 dpa (based on the urban containment Scenario 2) to as high as 2,017 dpa (Local Plan Employment Land Based Scenario 5). In general, allowing for reoccupancy of existing vacant dwellings (from 4.7% to 4.0% vacancy) reduces the average annual requirement by around 50 dpa for the demographic models. It is apparent that the supply-led scenarios in particular sit well below the long term housing delivery rate of 470 dpa and also the 500 dpa RSS figure, whilst the PopGroup baseline and the two economic scenarios 6 and 7 are well above these two benchmarks.

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### **Conclusions and Recommendations**

This report has been prepared by NLP to present the findings of our updated demographic analysis regarding the level of housing that may be appropriate for SMBC to plan for in the light of recent data releases by ONS. In particular, this update has sought to demonstrate the implications of the 2010-based SNPP, which suggests that Sefton's population will increase by around 11,300 2011-31, compared to a fall of 6,000 residents over the same time period using the 2008-based SNPP. In total, 8 new scenarios were modelled, alongside a series of sensitivity tests examining the implications of changing vacancy rates in the Borough.

This final section draws together the analysis of each potential scenario to provide a basis for identifying a robust housing requirement figure to inform the Council's Local Plan. The scenarios indicate a wide range of housing requirements for the period 2011 to 2031, based upon different indicators of what the need for housing within Sefton could be, as summarised in Figure 4.1.

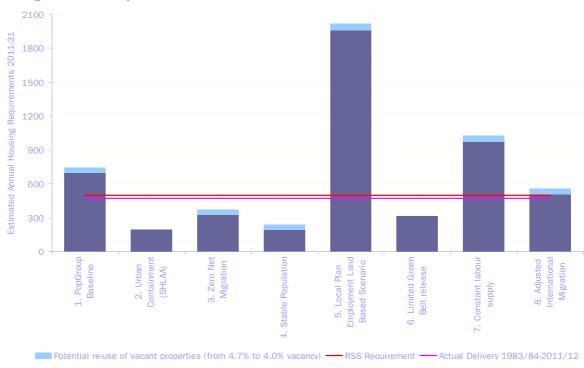


Figure 4.1 Summary of Scenarios

Source: NLP Analysis

Projected dwelling requirements range from as low as 189/236 dpa (based on the stable population forecasts) to as high as 2,017/1,957 dpa (Local Plan Employment Land Based). These different housing projections can be set against the population forecasts associated with each of the modelled PopGroup scenarios, as seen in Figure 4.2.

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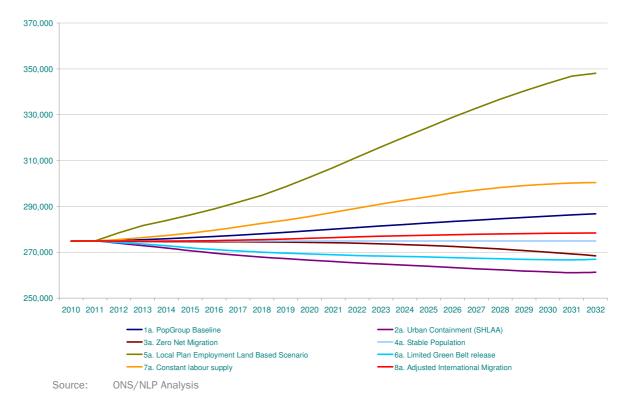


Figure 4.2 Projected Population Change in Sefton

- 4.4 Figure 4.2 suggests that the situation is highly variable across the 8 main scenarios. The strongest population growth of 26% is forecast for Scenario 5a (the Local Plan employment growth scenario), followed by Scenario 7a (Constant Labour Supply) at 9% and then Scenario 1a (the PopGroup Baseline), which mirrors the ONS 2010-based growth forecasts of 4% growth 2011-31. The remaining scenarios would either result in a constant population or a decline over time, with the two supply-led scenarios stimulating the sharpest falls to 2031 (Scenarios 2a and 6a).
- The level of natural change associated with most of the Sefton main scenarios is negative (i.e. with the number of deaths exceeding the number of births) in Figure 4.3. Without in-migration, the Borough's population would decline by almost 3,350 over the 20 years 2011-31, based on the Baseline PopGroup Scenario (1a), whilst the supply-led scenarios would result in even higher levels of net population losses due to natural change. Conversely, natural change remains the main driver for population growth under the stable population scenario and is also important for the economic growth-driven Scenario 5a.

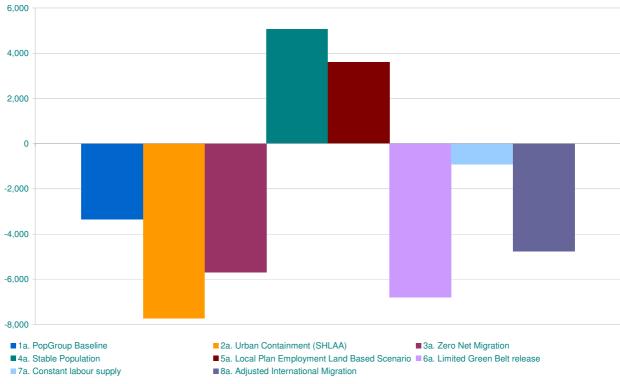


Figure 4.3 Natural Change Implications of each Scenario

Source: NLP Analysis of PopGroup Outputs

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would accommodate. Figure 4.4 presents a summary of the migration implications for each scenario and indicates the extent to which Sefton is expected to experience very high levels of net in-migration under some of the scenarios. Of particular note is the migration rates forecast for the PopGroup Baseline (Scenario 1), which is underpinned by the 2010-based SNPP. This indicates an annual net increase of 295 residents due to domestic in-migration (8,223 in, 7,928 out) and 438 net additional residents moving into the area from abroad (1,036 in, 598 out). As noted in Section 2.0, this is a major

change from the previous ONS projections whereby net migration was negative year-on-year. The adjustments made to international migration in Scenario 8 reduce the net additional international in-migrants to just +110 per year (800 in, 690 out).

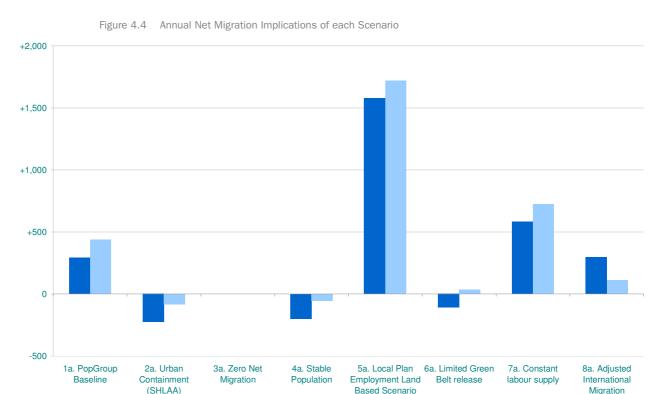
In this context, the key question relates to the level of net migration that Sefton

Clearly, Sefton will continue to be an attractive destination for a range of migrants (particularly those with greater levels of disposable income/seeking retirement) and this reality cannot be changed simply by restricting the supply of housing. The current pattern of out-migration amongst younger people is the consequence of a number of factors, including the greater availability and range of employment opportunities in Liverpool, Manchester and elsewhere; the affordability of housing in adjoining districts (whilst recognising that southern parts of the Borough have less of an issue than Southport and Formby in this regard); as well as social and personal reasons. Were housing completions to be restricted, then the result could be an exacerbation of affordability problems as the demand/supply balance serves to increase house prices to the detriment of those that already find it hard to enter – or remain on – the local

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housing ladder.

As such, Sefton is left with a situation whereby the level of migration will determine the amount of housing that is required. If insufficient provision is made, then the consequence will be a risk of increased affordability concerns and adverse impacts on the balance of the population, with a greater rise in more affluent, older residents and fewer younger, economically active but asset-poor residents. Conversely, these considerations need to be set within an understanding of the local environmental capacity (i.e. the amount of development that can be accommodated without detriment to the areas' environmental qualities) and the Green Belt issue.



Source: NLP Analysis of PopGroup Outputs

These demographic indicators also need to be placed in the context of the delivery factors which further shape the ability of Sefton to meet any particular scenario. In particular, these constraining factors affect the suitability of taking forward the more extreme economic-stimulus scenarios, specifically Scenario 5 (Local Plan employment land based – 2,017 dpa) and 7 (Constant Labour Supply – 1,030 dpa):

■ Net Domestic Migration

a Whilst new build completions and conversions were comparatively high pre-restraint policy (before 2003), the highest level of new build in any one year was the 923 dpa (gross) achieved in 1983/84; the annual average has been much lower than this, at around 470 dpa. It is recognised that the housing restraint policy was in operation for some of this time and this, combined with the fallout from the recession in the construction industry and the increased demolitions associated with the

■ Net International Migration

- HMR programme, severely suppressed delivery. It is likely that were the market to be allowed a freer rein, housing delivery could increase accordingly. However, to suggest that the market is capable of delivering over 4 times the long term average (in relation to Scenario 5a) would require a minor revolution in housing construction in the Borough;
- b A significant proportion of Sefton Borough beyond the settlement boundaries is designated Green Belt land. This severely restricts the outward expansion of settlements such as Southport and Formby without a comprehensive Green Belt review. Furthermore, the proximity of Southport to the sea and adjoining local authority boundaries places a further physical constraint on development.
- 4.10 Conversely, there is also the danger with some of the lower projections that:
  - a By taking a supply-led, rather than demand led approach, the Borough would effectively restrict the numbers of net in-migration into the Borough significantly. The Borough would be reliant upon a dwindling resident workforce to take up the jobs, despite the possibility of gradually decreasing unemployment rates between 2012 and 2017;
  - b The delivery of housing below 400 units per annum has the potential to have major adverse labour force implications, as there will be insufficient residents of working age to meet the Borough's job forecasts without substantial levels of in/out-commuting. There will also be a need to consider what an appropriate policy response to ensuring economic development in the face of an ageing population structure could be;
  - c The 2009 SHMA has demonstrated a critical need for affordable housing equal to 246 dpa. Assuming 30% of this provision was developed for affordable units, this would require around 574 market dwellings to be provided per annum (820 in total). This figure would be more than 4 times greater than the urban containment scenario figure, and double the SHLAA plus Green Belt scenario. Clearly these latter scenarios would exacerbate the current situation whereby younger, less well off families and young adults are forced to move elsewhere to meet their housing needs.
- 4.11 Based on the evidence contained within this report, it is considered that a forward dwelling requirement of 575 per annum could be appropriate between 2011 and 2031, although if the Council can demonstrate that policy stimuli could reduce vacancy rates appreciably (to 4%, which the Council considers could be achieved) by 2031 as a result of re-occupation, then an even lower figure of 510 dpa could potentially be justified. This would provide a realistic level of housing to deliver some economic growth, whilst recognising the challenges ahead.
- The 510 dpa figure is comparable with Scenario 8b, the adjusted International Migration Scenario (adjusted for vacancies); the RSS figure; and past take up rates. The top end 575 figure is comparable with Scenario 8b the adjusted International Migration Scenario and would provide around 70% of Sefton's

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affordable housing need (assuming a standardised 30% affordable housing contribution).

It is recognised that the previous HEaDROOM reports recommended that SMBC use the PopGroup Baseline (Scenario 1) as an appropriate basis for analysis. However, as discussed above, the approach used by ONS to derive the 2010-based SNPP (which forms the core of the PopGroup baseline inputs) involved the use of indicative immigration estimates using a range of administrative sources to directly distribute the national England and Wales long-term immigration total to local authorities.

This has profound implications for calculating housing need in Sefton, with the new approach (which informed the 2010-based SNPP) adding 20,000 immigrants to the Borough between 2011 and 2031, compared to 8,000 immigrants with the 2008-based SNPP (which used the alternative approach to record international migration). This level of immigration has, in turn, translated into a sharp increase in population growth compared to the previous estimates. The continued decline in Sefton's population (as recorded in the respective Census data for 2001 and 2011) does not appear to indicate a step change in levels of international immigration to the Borough, whilst discussions with SMBC Officers have failed to uncover any robust evidence of high levels of immigrants moving into Sefton over the past five years.

We are concerned that an unchallenged application of this data could disproportionately distort population and household growth forecasts and therefore dwelling requirements in the Borough. Further, the significantly higher estimated levels of international in-migration into Sefton does not accord with NLP's understanding of patterns of population movement in the area, nor does it accord with the experience of Officers at SMBC. In addition to this, recent Government analysis has identified a decline in international in-migration to the UK in general in response to policy measures which the Government considers is likely to continue over the coming years.

To further support this approach, an analysis of changes to Sefton's international migration estimates between 2008-based and 2010-based SNPP shows that change represented one of the largest upward indicative revisions of any district in England<sup>17</sup>. In this instance, it was considered to be more appropriate to model a slightly lower rate of immigration, using the trend data from an extended 9-year time period, rather than the 2010-based SNPP immigration inputs (which only uses trend data over the past 5 years) used to derive the PopGroup baseline.

It is emphasised that should new evidence come to light regarding the higher international immigration figures in the ONS 2010-SNPP, either from the ONS,

 $<sup>^{17}</sup>$  ONS (2011): Impact Assessment of Improved Immigration Estimates on Local Authorities in England and Wales

the Census 2011 or from other local data sources, it may be appropriate to revisit this assumption and adjust the requirements accordingly.

4.18 The broad range could be further justified on the following grounds:

- a **Meeting Affordable Housing Need:** Providing 575/510 dpa would contribute towards meeting a significant portion of the critical housing need identified in the SHMA (i.e. between 70% and 61% of the identified need, based on achieving an average of 30% affordable housing contribution on new developments). It is considered that meeting 100% of affordable housing needs in the Borough over the Plan period is unrealistic unless a higher percentage contribution is consistently attained; meeting around 60%-70% of identified need would constitute a substantial contribution to social housing requirements and would comprise a level considerably in excess of many comparable Boroughs across the country.
- b **Supporting Sefton's economy:** Whilst a dwelling requirement of 575/510 could still lead to a reduction in the number of jobs in the local economy, a lower housing requirement could potentially lead to a much greater loss, intensifying the problem. This level of employment represents a realistic and robust approach, albeit it indicates that for the ELPS growth forecasts to be achievable there would have to be rebalancing of the current pattern of net out-commuting (or a significant fall in unemployment).
- Balancing constraints to delivery: delivery rates within the 575/510 dpa range have been achieved for 15 of the past 17 years, which includes the recession and economic downturn and housing restraint policy, excluding demolitions. Furthermore, despite the problems facing the construction market, demand for new homes in Sefton remains high, with strong house prices in the more affluent parts of the Borough. As a counter balance to this, the environmental constraints may prevent a step change in delivery as suggested by the ONS population projections. Hence 575/510 dpa represents a challenging, but more achievable, figure than the higher ONS population projection (Scenario 1a).
- Maintaining a realistic level of vacancies: The 510 dpa figure is commensurate with the vacancy sensitivity test applied to Scenario 8, the Adjusted International Migration Scenario. Thus it has been assumed that if SMBC could reduce the number of empty/second homes from the current rate of around 4.7% to a level around 4% (below the NW average of 4.6%), then fewer homes would need to be provided to meet the demographic challenges. This is clearly a point to be monitored on a regular basis by SMBC to ensure that this target is being met over time, which could potentially justify adjustments to the housing target annually. For example, if the vacancy level were to remain static or even increase, there could be a need to provide dwellings over and above the recommended range (or, conversely, to reduce dwelling provision on a pro-rata basis if vacancy rates were to fall). This could take the form of

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introducing a formal target for reducing the vacancy rate to around 4% in the Council's Empty Homes Strategy.

It should be noted that it is not the purpose of this study to analyse housing capacity in line with housing need, nor to consider the extent to which the relaxation of environmental and/or planning controls would be needed to accommodate the suggested level of housing delivery. These are matters for the Council to assess and balance as it takes forward its Local Plan.

## **Sub-Area Split**

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- As noted in the previous March 2011 HEaDROOM report, Sefton's Local Plan will seek to provide defined policy responses for the 6 sub-areas within the Borough, specifically Bootle, Crosby, Southport, Formby, Netherton and Maghull/Aintree<sup>18</sup>. Whilst it will be for the Local Plan to determine the most appropriate split of housing required for each of these sub-areas, NLP has provided some context by exploring the potential for splitting the Borough-wide requirement.
- It is important to stress that the suggested sub-district split is simply a proxy indicator of any local distribution of the housing requirement, and is not based on a detailed sub-area demographic analysis<sup>19</sup>. The caveat remains that any future split within a locally generated housing requirement will ultimately be guided by the spatial strategy set out through the Local Plan documents and will need to take into consideration availability of sites; the overall amount of housing growth planned; the deliverability of this within different parts of the Borough as well as the vision; local circumstances; and aspirations for development in different parts of the Borough. For this reason, it was not appropriate to generate sub-borough demographic projections as these would be less reliable. Notwithstanding, there are some simple metrics which will help guide the likely split of housing between the six sub-areas, based on an

Southport - Ainsdale, Birkdale, Cambridge, Dukes, Kew, Meols, Norwood;

Formby - Harington, Ravenmeols

Maghull/Aintree - Molyneux, Park, Sudell

Crosby - Blundellsands, Church, Manor, Victoria

Bootle - Derby, Linacre, Litherland

Netherton - Ford, Netherton and Orrell, St Oswald

<sup>&</sup>lt;sup>18</sup> Note: as before, the following wards are in each of the 6 sub-areas:

<sup>&</sup>lt;sup>19</sup> Whilst the HEaDROOM work was able to split the deliverable / developable sites identified in the SHLAA across the individual sub-areas, NLP was not able to provide a similar split for demographic change by sub-area due to issues regarding the reliability/robustness of data at sub-district level, particularly regarding migration trends. Projections are more robust at higher levels of aggregation, either by age or by area, since more detailed levels mean smaller counts contributing to the projection process. At a smaller sample level, statically samples are also smaller and therefore less robust. Furthermore, many (if not all) of the sub-areas within Sefton have overlapping housing markets, and therefore developement in one area could potentially meet some of the needs arising in another.

appreciation of a number of measures, providing a background for making further policy choices:

- Current population/household split;
- Past housing delivery rates;
- Forward supply of housing development in the pipeline;
- Affordable Housing Need as defined in the Sefton SHMA; and
- Summary constraints for each area.

This report has updated the first three categories using the latest data provided by SMBC; the SHMA data has not been updated since 2009, whilst it has been assumed that the main constraints for each area, which included issues such as Green Belt and traffic congestion, have not changed significantly in the past 18 months to warrant revision. The results are summarised in Table 4.1.

Table 4.1 Possible division of Borough-wide housing requirement

Sub Area	2010 Population Estimates <sup>a</sup>		deliver 1982	Past housing delivery rates 1982/83-2011/12 b		Housing development in the pipeline °		al Net housing ed <sup>d</sup>	Extent of Constraints	Potential DPA
	Population	%	DPA	%	Total	%	Total	%		
Southport	90,197	33.1%	183	33.7%	1,781	39.6%	132	46.9%	Medium	201/178 (35%)
Formby	24,000	8.8%	37.2	6.8%	201	4.5%	65	23.2%	High	43/38 (7.5%)
Maghull / Aintree	40,553	14.9%	60.6	11.1%	445	9.9%	14	4.9%	Medium	72/63 (12.5%)
Crosby	45,685	16.7%	73.8	13.6%	459	10.2%	17	6.0%	Low	86/77 (15%)
Bootle	33,997	12.5%	110.2	20.3%	1,617	35.9%	-35	0.0%	Low	86/77 (15%)
Netherton	38,444	14.1%	79.0	14.5%	1,017	33.370	53	18.9%	Medium	86/77 (15%)
Sefton Total	272,876	100.0%	543.9	100%	4,503	100%	246	100%	Medium	575/510 (100%)

<sup>&</sup>lt;sup>a</sup> Source: Census Area Statistics (CAS) Ward population estimates for England and Wales, mid-2010

4.23 The latest Census Area Statistics (CAS) Ward population estimates for England and Wales are for mid-2010 (the latest release of the 2011 Census data does

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<sup>&</sup>lt;sup>b</sup> Source: SMBC 2012-08-20

<sup>&</sup>lt;sup>c</sup> Source: SMBC 2012 SHLAA Update

<sup>&</sup>lt;sup>d</sup> Sefton SHMA 2009 (combination of data sources)

not yet provide a breakdown of data down to Ward level). The 2009 dataset used in the previous report indicated that Southport had around 32.7% of the Borough's total population; Formby 8.8%; Maghull/Aintree 13.8%; Crosby 17.8%; Bootle 13.3% and Netherton 13.5%. The 2010-based population estimates unsurprisingly do little to change the overall balance, although there is a slight increase in the proportion of the Borough's residents living in Southport, Netherton and particularly Maghull/Aintree, at the expense of Bootle and Crosby.

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Secondly, we have undertaken an assessment of the rate of delivery of dwellings within the 6 sub-areas. Whilst this could provide a rough proxy for realisable demand for housing development in the area, clearly historic delivery will have depended on the availability of suitable development sites in different settlements and will also have been affected by the housing restraint policy that was in place between 2003 and 2008. At the time of the previous report, take up rates for 1990-2010 were reported. This latest report has access to two years of additional delivery data (for 2010-12), whilst SMBC has also specified that it considers a longer, 30 year, time period more preferable than the previous 20 year time horizon. This was considered necessary to smooth out distortions caused by the housing restraint policy that restricted development outside of Bootle/Netherton and central Southport between 2003 and 2008 and the effects of the HMR programme in Bootle (2003-2011).

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On this basis, there are more pronounced differences between the two sets of data, although again the overall pattern is the same – Southport having by far the largest amount of housing developed historically (averaging 183 dpa over the past 30 years and 33.7% of Sefton's total compared to 35.8% previously), followed by Bootle (a slight decrease from 20.6% previously, to 20.3% now). The biggest change has been in Crosby, which averaged just 47dpa (gross) between 1990-2010, but on the basis of a wider time horizon, delivered 74 dpa, 13.6% of Sefton's total compared to just 9.7% previously. This is due to strong levels of take up in the late 1980s rather than growth in the last two years, which have remained very low. Netherton and Maghull/Aintree's rate has declined, whilst Formby's has very slightly increased. Overall however, it is considered that the additional data used does not warrant an adjustment in the overall level of housing distribution across the Borough from before.

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Finally, an interim 2012 SHLAA update was produced by SMBC to inform this housing requirement assessment for Sefton. Whilst not akin to a full 2012 SHLAA update, it provided further data on recent permissions by sub-area. The previous report stated that as of April 2010, there were sufficient development sites in Sefton with extant planning permission to provide some 2,544 units. This more detailed information provides information on extant permissions, sites without planning permission (but which are considered suitable for housing) and windfall sites 2011/12, with planned demolitions deducted from the figures.

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As can be seen in Table 4.1, as of April 2012, there is the potential for just over 4,500 dwellings to be provided in the Borough, of which 40% would be in

Southport. Bootle and Netherton's figure is reduced significantly by the proposed 634 demolitions in the area over the next five years. In addition, 98 windfalls that arose during the financial year 2011/12 have been added into the supply, as well as 300 houses that were granted planning permission on land adjacent to Ashworth hospital (Maghull), which was granted planning permission in December 2011 (and was not previously accounted for in previous SHLAAs). This addition increases Maghull/Aintree's share from under 4% previously to almost 10% of the Sefton total.

#### Conclusion

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The above analysis has reassessed the various policy, delivery and housing need considerations informing a possible division of the 510/575 Borough-wide housing requirement range across the six sub-areas in Sefton. Table 4.1 summarises the evidence and suggests a level of housing delivery per annum for each sub-area between 2011 and 2031.

It is important to remember that whilst the evidence within this report takes into consideration the need and demand for housing, crucially, it does not seek to make a planning or policy judgement – this is a matter for SMBC taking account of the information before it. This report therefore represents a first stage for further consideration of all relevant factors through the Local Plan process.

In general, it is considered that the original percentage split between the 6 subareas contained within the earlier HEaDROOM reports remains valid, and hence the provision of 201/178 dwellings in Southport, for example, would be reasonably consistent with the current proportion of the Borough's population, past delivery rates and housing commitments. This is a suggested sub-area split only (based on a limited number of indicators); any final assessment of development spread would need to be informed, inter alia, by a range of sources including this study, a Strategic Environmental Assessment; the distribution of the most suitable available sites, etc.

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## Glossary

PopGroup	Forecasting model to project future population levels, based upon assumptions regarding fertility, mortality and migration when used in conjunction with HouseGroup and LabGroup it will also project the future dwelling requirements associated with the population change and the economic activity/job effects of change.
Derived Forecast Model	New development in the PopGroup suite of software that incorporates the previous features of HouseGroup and LabGroup. The DF model allows data to be entered for any variable that is closely related to the age-sex structure of the population as forecast by PopGroup or independently, including household structure, economic activity rates and disability projections, and to prepare projections from these data sources.
	In specific respect of this analysis, the DF model projects future household levels and resultant dwelling requirements and future economic activity and the number of jobs likely to be sustained in a particular area.
HEaDROOM	NLP housing requirement framework which takes account of demographic, housing and economic factors as well as policy and delivery matters to set out future housing requirements.
Base Year	Starting year for assessment. Currently 2010 due to data availability.
Sub-Groups	Individual areas to be tested that collectively form part of a broader study area.
Special Populations	Particular groups within the wider population that exhibit particular demographic characteristics (e.g. students/school boarders/armed forces/prisoners).
TFR (Total Fertility Rate)	Average number of children that would be born to a woman over her lifetime if she were to experience the exact current age specific fertility rates (ASFR) through her lifetime and if she were to survive from birth to the end of her productive life.
SMR (Standard Mortality Rate)	Number of deaths per 1,000 population per year.
Natural Change	The difference (in any given time period) between the number of births and the number of deaths.
	A natural change projection ignores migration and shows the future population where any births and deaths affect it.
Internal Migration	Migration to/from another part of UK.
International Migration	Migration to/from another country.
ASMigR (Age Specific Migration Rate)	Average number of migrants per 1,000 people by year of age.
Household Headship	Head of a household expressed as % of each age – sex population category. For married/cohabiting couples, males are taken as heads of household.

Concealed Households	A household that neither owns nor rents the dwelling within which they reside <u>AND</u> which wants to move into their own accommodation and form a separate household.
Household to Dwelling Conversion Factor	Factor for conversion of number of households to the number of dwellings. It takes account of transactional and long term vacancies and 2nd/holiday homes.
	Expressed as 100 minus the vacant homes/2nd homes rate (%) Over time, an objective would be to move towards a 4% vacancy level – expressed as a household to dwelling factor of 97.
NOMIS	NOMIS, an acronym for 'National Online Manpower Information System' is a service provided by the Office for National Statistics to provide free access to detailed and up-to-date UK labour market statistics from official sources.
Plot Ratio	The ratio of the total floor area of buildings on a certain location to the size of the land of that location, or the limit imposed on such a ratio, i.e. if a gross area of 1ha is required to develop 4,000sqm of employment floorspace, this is said to be equal to a plot ratio of 40%.
Dpa	Dwellings per annum.
Economic Activity Rate	The % of population (both employed and unemployed) that constitutes the manpower supply of the labour market.
Labour Force / Employment Conversion Rate	Factor for conversion of number of workers to number of jobs in an area it takes account of economic activity and commuting levels calculated by $\#$ workers in area $\div$ $\#$ jobs in area over time, an objective would be to move towards a ratio of $1 = $ self-containment

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## **Appendix 1** Inputs and Assumptions

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DEMOGRAPHIC	Scenario 1: PopGroup Baseline / Scenario 8: Adjusted International Migration	Scenario 3 – Zero Net Migration	Scenario 4 – Stable Population			
Population						
Baseline Population	A 2010 baseline population is taken from the 2010 Mid-year population estimates for Sefton Borough (274,971), split by age cohort and gender. For Scenario 4, this level of population is maintained to 2031.					
Births	Future change assumed in the Total Fertility Rate [TFR] uses the birth projectic to derive future projected TFRs through PopGroup. The analysis shows that the		ation Projections [SNPP]. This in turn is used			
Deaths	Future change assumed in the Standard Mortality Rate [SMR] uses the death is used to derive future projected SMRs through PopGroup. The analysis show		al Population Projections [SNPP]. This in turn			
Internal Migration	Gross domestic in and out migration flows are adopted based on forecast migration in Sefton Borough from the ONS 2010-based SNPP for 2010 to 2035. This is the sum of internal migration (elsewhere in England) and cross-border migration (elsewhere in the UK) (SNPP Table 5). Internal migration includes moves to all other Local Authority areas, including to neighbouring areas (i.e. a move of two streets might be classed as internal migration if it involves a move to another LA area).	Gross domestic in and out migration flows are adopted based on forecast migration in Sefton Borough from the ONS 2010-based SNPP for 2010 to 2035 (SNPP Table 5). To achieve zero net migration the difference between in and out flows is split to equalise the in and out flows at the middle point of the two.	As Scenario 1			
International Migration	Gross international in and out migration flows are adopted based on forecast migration in Sefton Borough from the ONS 2010-based SNPP for 2010 to 2035.  Note: for Scenario 8, in-migration (international) has been recalculated as follows: 800 per annum (on the basis of applying the 10.7% rate of total Merseyside immigration attributable to Sefton Borough (in the adjusted 'new indicatives' approach for 2006-10) and applying this to the overall Merseyside figure for the past 9 years);  Out-migration (international): 690 per annum (again, using a 9-year average of past out-migration).  This contrasts with the 1,000 in, 600 out used in the latest ONS 2010 SNPP.	Gross international in and out migration flows are adopted based on forecast migration in Sefton Borough from the ONS 2010-based SNPP for 2010 to 2035 (SNPP Table 5). To achieve zero net migration the difference between in and out flows is split to equalise the in and out flows at the middle point of the two.	As Scenario 1			
Propensity to Migrate (Age Specific Migration Rates)	The forecast annual migration numbers in the ONS 2010-based SNPP population	ion projections were used.				

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DEMOGRAPHIC	Scenario 1: PopGroup Baseline / Scenario 8: Adjusted International Migration	Scenario 3 – Zero Net Migration	Scenario 4 – Stable Population			
Housing						
Headship Rates	Headship rates that are specific to Sefton and forecast over the period to 2032 are taken from the government data which was used to underpin the 2008-based CLG household forecasts and applied to the demographic forecasts for each year as output by the PopGroup model. These headship rates are split by gender and age cohort.					
Institutional Population	Population in communal establishments in Sefton Borough from 2010 – 2035	derived from CLG 2008-based household projection	on outputs.			
Concealed Households Rate	The concealed household rate is similarly taken from the assumptions used to underpin the 2008-based CLG household forecasts. No change is assumed in the rate of concealed households from the CLG identified rate; however, if these households were to become unconcealed (i.e. they could meet their housing aspirations) this would be in addition to the forecast households rates (with additional dwelling requirements associated). This issue has been analysed elsewhere in the report on a qualitative basis using the critical housing need figures from the SHMA updates.					
Vacancy / 2nd Home Rate	A vacancy and second homes rate is applied to the number of households, representing the natural vacancies/not permanently occupied homes which occur within the housing market. This means that more dwellings than households are required to meet needs. The vacancy/second home rate in Sefton Borough totals 4.7% (estimated using data from the Council Tax Base for Formula Grant Purposes (October 2011), held constant over the forecast period.					
	Tackling vacancy rates has been a long term aspiration of SMBC, although the reduced the 4.7% vacancy rate to 4% on a pro-rata basis from 2015 to 2031.	ere are complex issues involved; hence for the vaca	ancy sensitivity scenarios, NLP gradually			
Economic						
Economic Activity Rate	The model offers the option to use two in-built sets of Economic Activity Rates remain largely static going forward.	for each 5-year age cohort which are projected for	ward to 2011. These are assumed to			
	However, to allow for future pension reforms, 1% has been added to the female 60-64 age cohort activity rates in 2011, 2% in 2012, 3% in 2013 and so forth up to 8% in 2018. This 2018 rate has then been held constant across the remainder of the forecasting period. Furthermore, 1% has been added to the Male 65-69 and Female 65-69 age cohorts' economic activity rates in 2019 and 2% in 2020. These 2020 rates were then held constant across the forecasting period.					
Commuting Rate	A standard net commuting rate is inferred through the modelling using a Labo area ÷ (B) Number of workers who work in the area (number of jobs).	ur Force Ratio which is worked out using the formu	la: (A) Number of employed workers living in			
	For Sefton Borough, data from the 2010 APS and 2010 BRES identifies an LF ratio of 1.27948 (121,200 employed people ÷ 94,726 jobs in Sefton).  This has not been flexed over the forecasting period with no assumed increase or reduction in net commuting rates.					
Unemployment	To calculate the unemployment rate, NLP took Apr 2011–Mar 2012 NOMIS ur constant for 2012 and 2013 to reflect initial stabilisation at the current high r 7.27% over a five year time frame.					
	This figure was then held constant to the end of the forecasting period on the similar rate as seen pre-recession.	grounds that as the economy grows out of recessi	on unemployment is likely to fall back to a			

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DEMOGRAPHIC	Scenario 5. Local Plan Employment Land Consistency Scenario	Scenario 2: Urban Containment (SHLAA)  / 6. SHLAA Plus Green Belt release	Scenario 7 – Constant Labour Supply			
Population						
Baseline Population						
Births	Future change assumed in the Total Fertility Rate [TFR] uses the birth projection to derive future projected TFRs through PopGroup. The analysis shows that the		ation Projections [SNPP]. This in turn is used			
Deaths	Future change assumed in the Standard Mortality Rate [SMR] uses the death properties is used to derive future projected SMRs through PopGroup. The analysis show		Il Population Projections [SNPP]. This in turn			
Internal Migration	Internal migration is flexed to achieve the necessary number of economically active people to underpin the economy in Sefton. The Employment Land and Premises Study concluded that SMBC should provide a total of 84.38ha of employment land to 2031. By applying a typical plot ratio of 40% and an approximate employment density of 1 job per 40 sqm (across all types of B1, B2 and B8 employment land), this would equate to around 8,440 jobs. On the basis that typically, only about 45% of workers work in 'B class' jobs, this would mean that Sefton is planning for the provision of around 18,750 net additional workers in the Borough over the plan period.	Internal migration is flexed to increase the current level of dwellings in Sefton by 3,845 units between 2011 and 2031 for Scenario 2, and 6,245 for Scenario 6.	As Scenario 1			
International Migration	International migration is flexed to achieve the necessary number of economically active people to underpin the economy in Sefton as above.	International migration is flexed to achieve the necessary number of economically active people to underpin the economy in Sefton as above.	As Scenario 1			
Propensity to Migrate (Age Specific Migration Rates)	The forecast annual migration numbers in the ONS 2010-based SNPP populati	on projections were used.				
Housing						
Headship Rates	Headship rates that are specific to Sefton and forecast over the period to 203 household forecasts and applied to the demographic forecasts for each year a					

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DEMOGRAPHIC	Scenario 5. Local Plan Employment Land Consistency Scenario	Scenario 2: Urban Containment (SHLAA)  / 6. SHLAA Plus Green Belt release	Scenario 7 – Constant Labour Supply		
Institutional Population					
Concealed Households Rate	The concealed household rate is similarly taken from the assumptions used to underpin the 2008-based CLG household forecasts. No change is assumed in the rate of concealed households from the CLG identified rate; however, if these households were to become unconcealed (i.e. they could meet their housing aspirations) this would be in addition to the forecast households rates (with additional dwelling requirements associated). This issue has been analysed elsewhere in the report on a qualitative basis using the critical housing need figures from the SHMA updates.				
Vacancy / 2nd Home Rate	A vacancy and second homes rate is applied to the number of households, representing the natural vacancies/not permanently occupied homes which occur within the housing market. This means that more dwellings than households are required to meet needs. The vacancy/second home rate in Sefton Borough totals 4.7% (estimated using data from the Council Tax Base for Formula Grant Purposes (October 2011), held constant over the forecast period.				
	Tackling vacancy rates has been a long term aspiration of SMBC, although there are complex issues involved; hence for the vacancy sensitivity scenarios, NLP gradually reduced the 4.7% vacancy rate to 4% on a pro-rata basis from 2015 to 2031.				
Economic					
Economic Activity Rate	,				
Commuting Rate	A standard net commuting rate is inferred through the modelling using a Labou area $\div$ (B) Number of workers who work in the area (number of jobs). For Sefton Borough, data from the 2010 APS and 2010 BRES identifies an LF II. This has not been flexed over the forecasting period with no assumed increase	ratio of 1.27948 (121,200 employed people ÷ 94			
Unemployment	To calculate the unemployment rate, NLP took Apr 2011–Mar 2012 NOMIS und constant for 2012 and 2013 to reflect initial stabilisation at the current high ra 7.27% over a five year time frame.  This figure was then held constant to the end of the forecasting period on the gamillar rate as seen pre-recession.	ate, and then gradually reduced the rate on a linea	r basis to the 7-year average (06-12) of		

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# Appendix 2 PopGroup Summary

	SC	SCENARIO 1a: PopGroup Baseline				
	2011	2031	Change 2011-31	% Change 2011-31		
Population	274,971	286,289	11,318	4%		
Households	119,248	133,489	14,241	12%		
Dwellings	125,129	140,072	14,943	12%		
Size of Labour Force	121,311	114,390	-6,921	-6%		
Number of Jobs	86,279	82,902	-3,377	-4%		

	SCENA	SCENARIO 1b: PopGroup Baseline: Vacancy				
	2011	2031	Change 2011-31	% Change 2011-31		
Population	274,971	286,289	11,318	4%		
Households	119,248	133,489	14,241	12%		
Dwellings	125,129	139,051	13,922	11%		
Size of Labour Force	121,311	114,390	-6,921	-6%		
Number of Jobs	86,279	82,902	-3,377	-4%		

	SCENA	SCENARIO 2a: Urban Containment (SHLAA)			
	2011	2031	Change 2011-31	% Change 2011-31	
Population	274,971	261,058	-13,913	-5%	
Households	119,248	122,984	3,736	3%	
Dwellings	125,129	129,049	3,920	3%	
Size of Labour Force	121,311	101,624	-19,687	-16%	
Number of Jobs	86,279	73,650	-12,629	-15%	

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	SC	SCENARIO 3a: Zero Net Migration			
	2011	2031	Change 2011-31	% Change 2011-31	
Population	274,971	269,273	-5,698	-2%	
Households	119,248	126,394	7,146	6%	
Dwellings	125,129	132,627	7,498	6%	
Size of Labour Force	121,311	105,382	-15,929	-13%	
Number of Jobs	86,279	76,373	-9,906	-11%	

	SCENA	SCENARIO 3b: Zero Net Migration: Vacancy			
	2011	2031	Change 2011-31	% Change 2011-31	
Population	274,971	269,273	-5,698	-2%	
Households	119,248	126,394	7,146	6%	
Dwellings	125,129	131,660	6,531	5%	
Size of Labour Force	121,311	105,382	-15,929	-13%	
Number of Jobs	86,279	76,373	-9,906	-11%	

	S	SCENARIO 4a: Stable Population			
	2011	2031	Change 2011-31	% Change 2011-31	
Population	274,971	274,971	0	0%	
Households	119,248	123,755	4,507	4%	
Dwellings	125,129	129,858	4,729	4%	
Size of Labour Force	121,311	122,270	959	1%	
Number of Jobs	86,279	88,612	2,333	3%	

	SCENA	SCENARIO 4b: Stable Population: Vacancy			
	2011	2031	Change 2011-31	% Change 2011-31	
Population	274,971	274,971	0	0%	
Households	119,248	123,755	4,507	4%	
Dwellings	125,129	128,911	3,782	3%	
Size of Labour Force	121,311	122,270	959	1%	
Number of Jobs	86,279	88,612	2,333	3%	

	SCENARIO 5a: Local Plan Employment Land Consistency Scenario				
	2011 2031 Change % Change 2011-31				
Population	274,971	346,885	71,914	26%	
Households	119,248	157,697	38,449	32%	
Dwellings	125,129	165,475	40,346	32%	
Size of Labour Force	121,311	145,437	24,126	20%	
Number of Jobs	86,279	105,402	19,123	22%	

			al Plan Emplo Scenario: Va	
	2011	2031	Change 2011-31	% Change 2011-31
Population	274,971	346,885	71,914	26%
Households	119,248	157,697	38,449	32%
Dwellings	125,129	164,268	39,139	31%
Size of Labour Force	121,311	145,437	24,126	20%
Number of Jobs	86,279	105,402	19,123	22%

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	SCENAR	IO 6a: SHL	AA Plus Green	Belt release
	2011	2031	Change 2011-31	% Change 2011-31
Population	274,971	266,673	-8,298	-3%
Households	119,248	125,255	6,007	5%
Dwellings	125,129	131,432	6,303	5%
Size of Labour Force	121,311	104,476	-16,835	-14%
Number of Jobs	86,279	75,717	-10,562	-12%

	SCE	NARIO 7a: C	onstant Labo	ur Supply
	2011	2031	Change 2011-31	% Change 2011-31
Population	274,971	300,189	25,218	9%
Households	119,248	138,880	19,632	16%
Dwellings	125,129	145,729	20,600	16%
Size of Labour Force	121,311	121,311	0	0%
Number of Jobs	86,279	87,917	1,638	2%

	SCENARIO	7b: Const	ant Labour Su	ıpply - Vacancy
	2011	2031	Change 2011-31	% Change 2011-31
Population	274,971	300,189	25,218	9%
Households	119,248	138,880	19,632	16%
Dwellings	125,129	144,666	19,537	16%
Size of Labour Force	121,311	121,311	0	0%
Number of Jobs	86,279	87,917	1,638	2%

	SCENARI	0 8a: Adjus	ted Internatio	nal Migration
	2011	2031	Change 2011-31	% Change 2011-31
Population	274,971	278,354	3,383	1%
Households	119,248	129,923	10,675	9%
Dwellings	125,129	136,331	11,202	9%
Size of Labour Force	121,311	110,048	-11,263	-9%
Number of Jobs	86,279	79,755	-6,524	-8%

	SCENARIO		ted Internation /acancy	nal Migration -
	2011	2031	Change 2011-31	% Change 2011-31
Population	274,971	278,354	3,383	1%
Households	119,248	129,923	10,675	9%
Dwellings	125,129	135,337	10,208	8%
Size of Labour Force	121,311	110,048	-11,263	-9%
Number of Jobs	86,279	79,755	-6,524	-8%

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# Appendix 3 PopGroup Modelling Outputs

1a. PopGroup Baseline Scenario

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Population Estimates and Forecasts	Sefton ONS 2010 POP

Components of Po		on Cha	•			AllGro	up		SCEN	ARIO 1	1: POF	GRO	JP BA	SELIN	E											
Births Male Female All Births TFR Births input	2011 1,496 1,425 2,921 1.96	2012 1,525 1,452 2,977 1.98	2013 1,546 1,472 3,018 1.98	2014 1,555 1,481 3,037 1.98	2015 1,554 1,480 3,034 1.96	2016 1,553 1,479 3,033 1.94	2017 1,548 1,475 3,023 1,92	2018 1,543 1,470 3,013 1,91	1,537 1,464 3,001 1.90	2020 1,525 1,452 2,977 1,89	1,509 1,437 2,947 1.87	1,491 1,420 2,911 1.86	1,471 1,401 2,871 1.85	1,448 1,379 2,828 1.83	2025 1,425 1,357 2,782 1.82	2026 1,403 1,336 2,739 1.81	1,385 1,319 2,705 1.80	1,371 1,306 2,677 1.80	1,360 1,295 2,654 1.79	2030 1,352 1,287 2,639 1.79	1,348 1,283 2,631 1.79	1,347 1,283 2,630 1.79	2033 1,350 1,285 2,635 1.79	2034 1,355 1,290 2,645 1.79		
Deaths Male Female All deaths SMR: males SMR: females SMR: females Expectation of life Deaths input	1,453 1,621 3,074 108.7 104.9 106.7 80.4	1,455 1,617 3,072 106.4 103.3 104.7 80.5	1,459 1,587 3,046 104.2 100.0 101.9 80.7	1,455 1,568 3,023 101.6 97.2 99.3 80.9	1,447 1,573 3,020 98.7 95.9 97.2 81.1	1,446 1,567 3,013 96.2 93.9 95.0 81.2	1,452 1,561 3,013 94.4 91.9 93.1 81.4	1,456 1,553 3,009 92.3 89.9 91.0 81.5	1,457 1,553 3,010 90.2 88.1 89.1 81.7	1,463 1,552 3,015 88.4 86.4 87.3 81.8	1,473 1,550 3,023 86.8 84.6 85.7 81.9	1,481 1,548 3,029 85.2 82.8 84.0 82.1	1,490 1,552 3,042 83.7 81.4 82.5 82.2	1,499 1,553 3,052 82.2 79.8 81.0 82.3	1,511 1,556 3,067 81.0 78.3 79.6 82.4	1,522 1,563 3,085 79.7 77.0 78.3 82.5	1,534 1,573 3,107 78.5 75.8 77.1 82.6	1,543 1,580 3,122 77.1 74.5 75.8 82.7	1,554 1,587 3,141 76.0 73.3 74.6 82.8	1,571 1,599 3,169 75.2 72.5 73.8 82.9	1,585 1,607 3,192 74.2 71.5 72.8 83.0	1,596 1,617 3,212 73.2 70.6 71.9 83.1	1,608 1,628 3,236 72.3 69.6 70.9 83.2	1,622 1,640 3,262 71.4 68.7 70.0 83.3		
In-migration from the UK Male Female All SMigR: males SMigR: females Migrants input	3,929 3,990 7,919 29.2 28.5	3,965 4,021 7,986 29.4 28.7	3,998 4,047 8,045 29.6 29.0	4,026 4,066 8,092 29.8 29.2	4,050 4,079 8,129 29.9 29.4	4,070 4,089 8,159 30.1 29.6	4,087 4,097 8,183 30.3 29.8	4,103 4,104 8,207 30.6 30.0	4,117 4,106 8,224 30.8 30.2	4,127 4,106 8,233 31.0 30.3	4,135 4,105 8,241 31.2 30.4	4,142 4,104 8,245 31.3 30.5	4,151 4,106 8,257 31.5 30.6	4,162 4,115 8,277 31.6 30.7	4,176 4,128 8,304 31.8 30.9	4,190 4,141 8,330 31.9 31.0	4,202 4,155 8,357 32.0 31.1	4,217 4,174 8,390 32.0 31.1	4,234 4,195 8,428 32.1 31.2	4,249 4,212 8,461 32.1 31.2	4,263 4,232 8,495 32.1 31.2	4,281 4,256 8,536 32.1 31.3	4,300 4,281 8,581 32.2 31.3	4,321 4,305 8,626 32.2 31.4		2011-2031 +82,328 +4,116 +82,139 +4,107 +164,467 +8,223 +618 +31 +604 +30
Out-migration to the UK Male Female All SMigR: males SMigR: females Migrants input	3,921 4,110 8,031 29.1 29.3	3,929 4,113 8,042 29.1 29.4	3,945 4,113 8,058 29.2 29.5	3,958 4,110 8,068 29.3 29.5	3,975 4,106 8,081 29.4 29.6	3,963 4,080 8,044 29.3 29.5	3,958 4,063 8,021 29.4 29.6	3,950 4,028 7,978 29.4 29.5	3,934 4,014 7,948 29.4 29.5	3,928 3,986 7,914 29.5 29.5	3,923 3,972 7,896 29.6 29.5	3,922 3,970 7,892 29.6 29.5	3,905 3,941 7,846 29.6 29.4	3,903 3,925 7,828 29.7 29.3	3,897 3,922 7,819 29.6 29.3	3,892 3,917 7,809 29.6 29.3	3,891 3,910 7,801 29.6 29.2	3,894 3,916 7,810 29,6 29,2	3,894 3,934 7,828 29.5 29.3	3,901 3,953 7,854 29.5 29.3	3,910 3,972 7,882 29,5 29,3	3,920 3,991 7,911 29.4 29.3	3,931 4,009 7,940 29.4 29.3	3,944 4,027 7,971 29.4 29.3		2011-2031 +78,483 +3,924 +80,084 +4,004 +158,567 +7,928 +589 +29 +588 +29
In-migration from Oversea Male Female AU SMigR: males SMigR: females Migrants input	537 476 1,012 57.9 51.7	541 480 1,021 58.0 51.9	546 482 1,028 58.4 52.2	545 483 1,027 58.2 52.2	543 482 1,025 58.1 52.3	544 483 1,026 58.4 52.6	544 485 1,030 58.8 53.3	546 487 1,032 59.3 53.9	546 488 1,034 59.8 54.4	547 488 1,035 60.4 54.9	548 490 1,038 61.1 55.5	550 491 1,041 61.7 56.0	551 492 1,042 62.2 56.5	551 492 1,043 62.7 57.0	551 492 1,043 63.1 57.2	552 493 1,045 63.3 57.5	552 493 1,045 63.5 57.7	553 493 1,046 63.6 57.8	554 494 1,047 63.6 57.8	555 495 1,050 63.5 57.8	555 496 1,051 63.3 57.8	556 497 1,053 63.2 57.7	556 497 1,053 62.9 57.5	556 497 1,053 62.6 57.2		2011-2031 +10,954 +548 +9,759 +488 +20,713 +1,036 +1,216 +61 +1,100 +55
Out-migration to Overseas Male Female All SMigR: males SMigR: females Migrants input	310 232 542 33.4 25.2	318 240 558 34.1 26.0	326 246 573 34.9 26.6	328 249 578 35.1 27.0	333 254 587 35.6 27.6	339 259 599 36.5 28.3	341 263 604 36.8 28.9	342 265 607 37.2 29.3	343 266 608 37.5 29.6	343 266 608 37.8 29.9	343 267 609 38.2 30.2	343 267 610 38.5 30.5	343 267 610 38.8 30.7	342 267 609 39.0 30.9	343 266 608 39.2 30.9	342 266 608 39.3 31.0	342 266 608 39.3 31.1	342 265 607 39.3 31.0	342 265 607 39.3 31.0	343 266 609 39.3 31.1	343 267 610 39.2 31.1	344 268 612 39.1 31.1	345 268 613 39.0 31.0	345 268 614 38.9 30.9		2011-2031 +6,749 +337 +5,202 +260 +11,951 +598 +749 +37 +587 +29
Migration - Net Flows UK Overseas	-113 +471	-56 +463	-13 +456	+24 +449	+48 +439	+115 +427	+163 +425	+228 +425	+275 +426	+319 +427	+345 +429	+354 +431	+411 +432	+449 +434	+485 +435	+521 +436	+556 +438	+581 +439	+600 +440	+607 +441	+613 +441	+625 +441	+641 +440	+655 +440		2011-2031 +5,901 +295 +8,762 +438
Summary of population change Natural change Net migration Net change	-152 +358 +205	-95 +407 +312	-28 +442 +415	+14 +473 +487	+14 +487 +501	+20 +543 +562	+9 +588 +597	+4 +653 +657	-9 +701 +692	-38 +746 +708	-77 +774 +698	-118 +784 +666	-171 +843 +672	-224 +883 +659	-284 +920 +635	-346 +958 +612	-402 +994 +592	-446 +1,020 +574	-486 +1,041 +554	-530 +1,048 +518	-560 +1,054 +493	-583 +1,066 +483	-601 +1,081 +480	-616 +1,094 +478		-3,345 -167 +14,663 +733 +11,317 +566
Summary of Popu	lation e	estimat	tes/for	ecasts	•																					
0-4 5-10 11-15 16-17 18-59Female, 64Male 60/65-74 75-84 85+ Total	2011 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2012 14,527 16,949 15,414 6,888 153,856 38,923 20,830 7,791 275,177	2013 14,799 17,123 14,807 6,830 153,411 39,303 21,207 8,007 275,488	2014 15,088 17,290 14,520 6,560 152,992 39,831 21,387 8,236 275,903	2015 15,299 17,396 14,438 6,236 152,607 40,430 21,428 8,557 276,391	2016 15,460 17,732 14,343 6,024 152,019 40,915 21,506 8,891 276,892	2017 15,540 18,056 14,383 5,819 151,290 41,635 21,498 9,233 277,454	2018 15,558 18,382 14,541 5,715 150,429 42,159 21,763 9,505 278,051	2019 15,530 18,692 14,716 5,689 149,590 42,596 22,055 9,840 278,709	2020 15,479 19,002 14,755 5,879 148,742 43,111 22,272 10,160 279,401	2021 15,411 19,224 15,044 5,869 147,773 43,698 22,560 10,530 280,109	2022 15,324 19,381 15,307 5,798 146,939 43,625 23,451 10,981 280,806	2023 15,219 19,444 15,593 5,938 145,828 43,906 24,119 11,424 281,472	2024 15,090 19,444 15,873 6,055 144,841 44,464 24,628 11,748 282,144	2025 14,933 19,399 16,179 6,122 143,967 45,144 25,036 12,023 282,803	2026 14,755 19,323 16,416 6,208 143,217 45,806 25,391 12,323 283,439	2027 14,566 19,224 16,583 6,352 142,462 46,458 25,833 12,572 284,050	2028 14,379 19,101 16,662 6,498 141,847 47,120 26,082 12,953 284,642	2029 14,205 18,958 16,672 6,630 141,424 47,571 26,377 13,380 285,217	2030 14,054 18,790 16,636 6,713 141,122 47,973 26,737 13,747	2031 13,931 18,593 16,578 6,753 141,016 48,210 27,022 14,185 286,289	2032 13,842 18,379 16,504 6,758 141,155 48,104 26,961 15,080	2033 13,783 18,163 16,412 6,744 141,432 47,782 27,156 15,794 287,265	2034 13,752 17,958 16,305 6,715 141,889 47,339 27,485 16,301 287,745	2035 13,751 17,774 16,175 6,683 142,524 46,653 27,973 16,691 288,223	2011-2031 11,317 566
Population impact of const Number of persons	traint +115	+9	+1	-3	-6	-11	-15	-19	-20	-18	-16	-12	-8	-5	-2	+1	+3	+6	+9	+11	+12	+12	+12	+10	+9	
Households Number of Households Change over previous year Number of supply units Change over previous year	119,248 +650 125,129 +682	119,901 +653 125,814 +685	120,574 +673 126,520 +706	121,305 +731 127,287 +767	122,130 +826 128,153 +866	122,927 +797 128,990 +837	123,713 +786 129,815 +825	124,500 +787 130,640 +825	125,260 +760 131,438 +798	126,018 +758 132,233 +795	126,780 +762 133,032 +799	127,511 +732 133,800 +768	128,197 +686 134,520 +720	128,880 +682 135,236 +716	129,582 +702 135,973 +737	130,273 +691 136,698 +725	130,963 +690 137,422 +724	131,622 +659 138,114 +692	132,274 +652 138,798 +684	132,891 +616 139,444 +646	133,489 +598 140,072 +628	134,020 +531 140,629 +557	134,564 +544 141,200 +571	135,102 +538 141,765 +565	135,609 +507 142,297 +532	14,241 712 14,943 747
Labour Force Number of Labour Force Change over previous year Number of supply units Change over previous year	121,311 +111 86,279 -300	121,097 -215 85,842 -437	120,773 -324 85,613 -229	120,498 -275 85,800 +187	120,181 -317 85,955 +155	119,771 -410 86,042 +87	119,287 -484 86,072 +30	118,765 -522 86,072 -0	118,384 -381 85,796 -276	117,904 -480 85,448 -348	117,332 -572 85,033 -415	116,735 -596 84,601 -432	116,160 -576 84,184 -417	115,688 -471 83,842 -342	115,250 -439 83,524 -318	114,829 -420 83,220 -305	114,559 -270 83,024 -196	114,359 -200 82,879 -145	114,274 -85 82,817 -62	114,282 +8 82,823 +6	114,390 +109 82,902 +79	114,590 +200 83,046 +145	114,860 +270 83,242 +196	115,140 +280 83,445 +203	115,442 +302 83,664 +219	-6,921 -346 -3,377 -169

**1**b. PopGroup Baseline Scenario – Vacancy Sensitivity

Population Estim	ates	and I	Forec	asts			Sefto	n ONS	3 201	0 POI	•					5	CENARI	0 1: VAC	ANCY SE	NSITIVIT	Υ					
Components of Pop						AllGro	up																			
Y	ear begir 2011	ning July 2012	1st 2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
irths ale emale <i>II Births</i> FR rths input	1,496 1,425 2,921 1.96	1,525 1,452 2,977 1.98	1,546 1,472 3,018 1.98	1,555 1,481 3,037 1.98	1,554 1,480 3,034 1.96	1,553 1,479 3,033 1.94	1,548 1,475 3,023 1.92	1,543 1,470 3,013 1.91	1,537 1,464 3,001 1.90	1,525 1,452 2,977 1.89	1,509 1,437 2,947 1.87	1,491 1,420 2,911 1.86	1,471 1,401 2,871 1.85	1,448 1,379 2,828 1.83	1,425 1,357 2,782 1.82	1,403 1,336 2,739 1.81	1,385 1,319 2,705 1.80	1,371 1,306 2,677 1.80	1,360 1,295 2,654 1.79	1,352 1,287 2,639 1.79	1,348 1,283 2,631 1.79	1,347 1,283 2,630 1.79	1,350 1,285 2,635 1.79	1,355 1,290 2,645 1.79		
leaths lale emale Il deaths MR: males MR: females MR: female & Kemale & Kemale expectation of life leaths input	1,453 1,621 3,074 108.7 104.9 106.7 80.4	1,455 1,617 3,072 106.4 103.3 104.7 80.5	1,459 1,587 3,046 104.2 100.0 101.9 80.7	1,455 1,568 3,023 101.6 97.2 99.3 80.9	1,447 1,573 3,020 98.7 95.9 97.2 81.1	1,446 1,567 3,013 96.2 93.9 95.0 81.2	1,452 1,561 3,013 94.4 91.9 93.1 81.4	1,456 1,553 3,009 92.3 89.9 91.0 81.5	1,457 1,553 3,010 90.2 88.1 89.1 81.7	1,463 1,552 3,015 88.4 86.4 87.3 81.8	1,473 1,550 3,023 86.8 84.6 85.7 81.9	1,481 1,548 3,029 85.2 82.8 84.0 82.1	1,490 1,552 3,042 83.7 81.4 82.5 82.2	1,499 1,553 3,052 82.2 79.8 81.0 82.3	1,511 1,556 3,067 81.0 78.3 79.6 82.4	1,522 1,563 3,085 79.7 77.0 78.3 82.5	1,534 1,573 3,107 78.5 75.8 77.1 82.6	1,543 1,580 3,122 77.1 74.5 75.8 82.7	1,554 1,587 3,141 76.0 73.3 74.6 82.8	1,571 1,599 3,169 75.2 72.5 73.8 82.9	1,585 1,607 3,192 74.2 71.5 72.8 83.0	1,596 1,617 3,212 73.2 70.6 71.9 83.1	1,608 1,628 3,236 72.3 69.6 70.9 83.2	1,622 1,640 3,262 71.4 68.7 70.0 83.3		
n-migration from the UK dale emale W WildgR: males MigR: females figrants input	3,929 3,990 7,919 29.2 28.5	3,965 4,021 7,986 29.4 28.7	3,998 4,047 8,045 29.6 29.0	4,026 4,066 8,092 29.8 29.2	4,050 4,079 8,129 29.9 29.4	4,070 4,089 8,159 30.1 29.6	4,087 4,097 8,183 30.3 29.8	4,103 4,104 8,207 30.6 30.0	4,117 4,106 8,224 30.8 30.2	4,127 4,106 8,233 31.0 30.3	4,135 4,105 8,241 31.2 30.4	4,142 4,104 8,245 31.3 30.5	4,151 4,106 8,257 31.5 30.6	4,162 4,115 8,277 31.6 30.7	4,176 4,128 8,304 31.8 30.9	4,190 4,141 8,330 31.9 31.0	4,202 4,155 8,357 32.0 31.1	4,217 4,174 8,390 32.0 31.1	4,234 4,195 8,428 32.1 31.2	4,249 4,212 8,461 32.1 31.2	4,263 4,232 8,495 32.1 31.2	4,281 4,256 8,536 32.1 31.3	4,300 4,281 8,581 32.2 31.3	4,321 4,305 8,626 32.2 31.4		2011-2031 +82,328 +4,1 +82,139 +4,1 +164,467 +8,2 +618 +604 +604
Out-migration to the UK  dale female  strong to the strong	3,921 4,110 8,031 29.1 29.3	3,929 4,113 8,042 29.1 29.4	3,945 4,113 8,058 29.2 29.5	3,958 4,110 8,068 29.3 29.5	3,975 4,106 8,081 29.4 29.6	3,963 4,080 8,044 29.3 29.5	3,958 4,063 8,021 29.4 29.6	3,950 4,028 7,978 29.4 29.5	3,934 4,014 7,948 29.4 29.5	3,928 3,986 7,914 29.5 29.5	3,923 3,972 7,896 29.6 29.5	3,922 3,970 7,892 29.6 29.5	3,905 3,941 7,846 29.6 29.4	3,903 3,925 7,828 29.7 29.3	3,897 3,922 7,819 29.6 29.3	3,892 3,917 7,809 29.6 29.3	3,891 3,910 7,801 29.6 29.2	3,894 3,916 7,810 29.6 29.2	3,894 3,934 7,828 29.5 29.3	3,901 3,953 7,854 29.5 29.3	3,910 3,972 7,882 29.5 29.3	3,920 3,991 7,911 29.4 29.3	3,931 4,009 7,940 29.4 29.3	3,944 4,027 7,971 29.4 29.3		2011-2031 +78,483 +3,9 +80,084 +4,0 +158,567 +7,9 +589 + +588 +
n-migration from Overseas  Jale  Temale  Jale  MigR: males  MigR: females	537 476 1,012 57.9 51.7	541 480 1,021 58.0 51.9	546 482 1,028 58.4 52.2	545 483 1,027 58.2 52.2	543 482 1,025 58.1 52.3	544 483 1,026 58.4 52.6	544 485 1,030 58.8 53.3	546 487 1,032 59.3 53.9	546 488 1,034 59.8 54.4	547 488 1,035 60.4 54.9	548 490 1,038 61.1 55.5	550 491 1,041 61.7 56.0	551 492 1,042 62.2 56.5	551 492 1,043 62.7 57.0	551 492 1,043 63.1 57.2	552 493 1,045 63.3 57.5	552 493 1,045 63.5 57.7	553 493 1,046 63.6 57.8	554 494 1,047 63.6 57.8	555 495 1,050 63.5 57.8	555 496 1,051 63.3 57.8	556 497 1,053 63.2 57.7	556 497 1,053 62.9 57.5	556 497 1,053 62.6 57.2		2011-2031 +10,964 +5 +9,759 +4 +20,713 +1,0 +1,216 + +1,100 +
Out-migration to Overseas  Aale Female W MigR: males MigR: females Migrants input	310 232 542 33.4 25.2	318 240 558 34.1 26.0	326 246 573 34.9 26.6	328 249 578 35.1 27.0	333 254 587 35.6 27.6	339 259 599 36.5 28.3	341 263 604 36.8 28.9	342 265 607 37.2 29.3	343 266 608 37.5 29.6	343 266 608 37.8 29.9	343 267 609 38.2 30.2	343 267 610 38.5 30.5	343 267 610 38.8 30.7	342 267 609 39.0 30.9	343 266 608 39.2 30.9	342 266 608 39.3 31.0	342 266 608 39.3 31.1	342 265 607 39.3 31.0	342 265 607 39.3 31.0	343 266 609 39.3 31.1	343 267 610 39.2 31.1	344 268 612 39.1 31.1	345 268 613 39.0 31.0	345 268 614 38.9 30.9		2011-2031 +6,749 +3 +5,202 +2 +11,951 +5 +749 + +587 +3
Migration - Net Flows JK Overseas	-113 +471	-56 +463	-13 +456	+24 +449	+48 +439	+115 +427	+163 +425	+228 +425	+275 +426	+319 +427	+345 +429	+354 +431	+411 +432	+449 +434	+485 +435	+521 +436	+556 +438	+581 +439	+600 +440	+607 +441	+613 +441	+625 +441	+641 +440	+655 +440		2011-2031 +5,901 +2 +8,762 +4
Summary of population chang Natural change Net migration Net change	-152 +358 +205	-95 +407 +312	-28 +442 +415	+14 +473 +487	+14 +487 +501	+20 +543 +562	+9 +588 +597	+4 +653 +657	-9 +701 +692	-38 +746 +708	-77 +774 +698	-118 +784 +666	-171 +843 +672	-224 +883 +659	-284 +920 +635	-346 +958 +612	-402 +994 +592	-446 +1,020 +574	-486 +1,041 +554	-530 +1,048 +518	-560 +1,054 +493	-583 +1,066 +483	-601 +1,081 +480	-616 +1,094 +478		-3,345 -1 +14,663 +7 +11,317 +5
Summary of Popula	tion e	stimat	es/for	ecasts	;																					
50/65 -74 '5-84 IS+	2011 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2012 14,527 16,949 15,414 6,888 153,856 38,923 20,830 7,791	2013 14,799 17,123 14,807 6,830 153,411 39,303 21,207 8,007	2014 15,088 17,290 14,520 6,560 152,992 39,831 21,387 8,236	2015 15,299 17,396 14,438 6,236 152,607 40,430 21,428 8,557	2016 15,460 17,732 14,343 6,024 152,019 40,915 21,506 8,891	2017 15,540 18,056 14,383 5,819 151,290 41,635 21,498 9,233	2018 15,558 18,382 14,541 5,715 150,429 42,159 21,763 9,505	2019 15,530 18,692 14,716 5,689 149,590 42,596 22,055 9,840	2020 15,479 19,002 14,755 5,879 148,742 43,111 22,272 10,160	2021 15,411 19,224 15,044 5,869 147,773 43,698 22,560 10,530	2022 15,324 19,381 15,307 5,798 146,939 43,625 23,451 10,981	2023 15,219 19,444 15,593 5,938 145,828 43,906 24,119 11,424	2024 15,090 19,444 15,873 6,055 144,841 44,464 24,628 11,748	2025 14,933 19,399 16,179 6,122 143,967 45,144 25,036 12,023	2026 14,755 19,323 16,416 6,208 143,217 45,806 25,391 12,323	2027 14,566 19,224 16,583 6,352 142,462 46,458 25,833 12,572	2028 14,379 19,101 16,662 6,498 141,847 47,120 26,082 12,953	2029 14,205 18,958 16,672 6,630 141,424 47,571 26,377 13,380	2030 14,054 18,790 16,636 6,713 141,122 47,973 26,737 13,747	2031 13,931 18,593 16,578 6,753 141,016 48,210 27,022 14,185	2032 13,842 18,379 16,504 6,758 141,155 48,104 26,961 15,080	2033 13,783 18,163 16,412 6,744 141,432 47,782 27,156 15,794	2034 13,752 17,958 16,305 6,715 141,889 47,339 27,485 16,301	2035 13,751 17,774 16,175 6,683 142,524 46,653 27,973 16,691 288,223	2011-2031 11.317 54
otal  Population impact of constra		275,177	275,488	275,903	276,391	-11	-15	-19	-20	-18	-16	-12	281,472	-5	282,803	283,439	284,050	284,642	285,217	285,771	286,289	286,782 +12	287,265 +12	287,745	288,223	11,317 5
Households  Jumber of Households  Change over previous year  Jumber of supply units  Change over previous year	119,248 +650 125,129 +682 95.3%	119,901 +653 125,814 +685 95.3%	120,574 +673 126,520 +706 95.3%	121,305 +731 127,287 +767 95.3%	122,130 +826 128,153 +866 95.3%	122,927 +797 128,990 +837 95.3%	123,713 +786 129,741 +751 95.4%	124,500 +787 130,493 +751 95.4%	125,260 +760 131,215 +723 95.5%	126,018 +758 131,935 +720 95.5%	126,780 +762 132,657 +722 95.6%	127,511 +732 133,348 +690 95.6%	128,197 +686 133,990 +642 95.7%	128,880 +682 134,627 +637 95.7%	129,582 +702 135,285 +658 95.8%	130,273 +691 135,930 +645 95.8%	130,963 +690 136,573 +643 95.9%	131,622 +659 137,184 +611 95.9%	132,274 +652 137,786 +602 96.0%	132,891 +616 138,428 +642 96.0%	133,489 +598 139,051 +623 96.0%	134,020 +531 139,604 +553 96.0%	134,564 +544 140,171 +567 96.0%	135,102 +538 140,731 +561 96.0%	135,609 +507 141,259 +528 96.0%	14,241 7 <sup>-</sup> 13,922 69
Labour Force  Jumber of Labour Force  Jumber of Supply units  Jumber of Supply units  Jumper over previous year	121,311 +111 86,279 -300	121,097 -215 85,842 -437	120,773 -324 85,613 -229	120,498 -275 85,800 +187	120,181 -317 85,955 +155	119,771 -410 86,042 +87	119,287 -484 86,072 +30	118,765 -522 86,072 -0	118,384 -381 85,796 -276	117,904 -480 85,448 -348	117,332 -572 85,033 -415	116,735 -596 84,601 -432	116,160 -576 84,184 -417	115,688 -471 83,842 -342	115,250 -439 83,524 -318	114,829 -420 83,220 -305	114,559 -270 83,024 -196	114,359 -200 82,879 -145	114,274 -85 82,817 -62	114,282 +8 82,823 +6	114,390 +109 82,902 +79	114,590 +200 83,046 +145	114,860 +270 83,242 +196	115,140 +280 83,445 +203	115,442 +302 83,664 +219	-6,921 -3-

2a. Urban Containment (SHLAA)

P10 2847004v5

Population Estin	nates	and I	orec	easts Sefton ONS 2010 POP SCENARIO 2 UPDATE																							
Components of Pop						AllGro	up																				
	Year begir 2011	ning July 2012	1st 2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034			
Births Male Female All Births TER Births input	1,496 1,425 2,921 1.96	1,507 1,435 2,941 1.98	1,509 1,437 2,946 1.98	1,498 1,427 2,925 1.97	1,475 1,404 2,879 1.95	1,454 1,385 2,839 1.94	1,432 1,364 2,796 1.92	1,411 1,344 2,755 1.91	1,391 1,325 2,716 1.89	1,367 1,302 2,668 1.88	1,341 1,277 2,618 1.87	1,314 1,252 2,566 1.85	1,290 1,228 2,518 1.84	1,264 1,204 2,468 1.83	1,238 1,179 2,418 1.82	1,215 1,157 2,372 1.81	1,196 1,139 2,336 1.80	1,183 1,127 2,310 1.79	1,172 1,117 2,289 1.79	1,167 1,112 2,279 1.79	1,166 1,111 2,277 1.79	1,175 1,119 2,293 1.79	1,186 1,130 2,316 1.79	1,200 1,142 2,342 1.79			
Deaths Male Female All deaths SMR: males SMR: remales SMR: remale Expectation of life Deaths input	1,453 1,621 3,074 108.7 104.9 106.7 80.4	1,453 1,614 3,067 106.4 103.3 104.7 80.5	1,454 1,582 3,036 104.2 100.0 101.9 80.7	1,448 1,561 3,009 101.5 97.2 99.3 80.9	1,437 1,563 3,000 98.7 95.9 97.2 81.1	1,433 1,555 2,989 96.2 93.9 95.0 81.2	1,437 1,548 2,985 94.3 91.9 93.1 81.4	1,438 1,538 2,976 92.3 89.9 91.0 81.5	1,437 1,536 2,973 90.2 88.2 89.1 81.7	1,441 1,534 2,975 88.4 86.4 87.3 81.8	1,448 1,530 2,979 86.8 84.6 85.7 81.9	1,454 1,526 2,980 85.2 82.8 84.0 82.1	1,460 1,529 2,990 83.7 81.4 82.5 82.2	1,467 1,528 2,995 82.2 79.8 81.0 82.3	1,476 1,530 3,006 80.9 78.3 79.6 82.4	1,484 1,535 3,020 79.6 77.1 78.3 82.5	1,493 1,544 3,037 78.4 75.8 77.1 82.6	1,499 1,549 3,048 77.1 74.5 75.8 82.7	1,507 1,554 3,062 76.0 73.4 74.6 82.8	1,521 1,564 3,085 75.1 72.5 73.8 82.9	1,532 1,571 3,103 74.2 71.5 72.8 83.0	1,541 1,580 3,121 73.2 70.6 71.9 83.1	1,552 1,590 3,142 72.2 69.7 70.9 83.2	1,563 1,601 3,165 71.4 68.8 70.0 83.3			
In-migration from the UK Male Female All SMigR: males SMigR: females Migrants input	3,770 3,828 7,598 28.0 27.3	3,808 3,861 7,669 28.4 27.8	3,826 3,872 7,697 28.7 28.2	3,830 3,867 7,697 29.0 28.4	3,872 3,900 7,772 29.6 29.0	3,910 3,928 7,837 30.1 29.6	3,936 3,946 7,882 30.6 30.1	3,963 3,963 7,926 31.2 30.6	3,980 3,969 7,948 31.6 31.0	3,993 3,973 7,966 32.0 31.3	4,010 3,981 7,990 32.4 31.7	4,038 4,001 8,039 32.9 32.0	4,042 3,999 8,041 33.2 32.2	4,052 4,008 8,060 33.5 32.5	4,065 4,018 8,084 33.8 32.7	4,083 4,035 8,118 34.1 33.0	4,108 4,062 8,171 34.4 33.3	4,114 4,072 8,186 34.4 33.4	4,153 4,115 8,267 34.8 33.8	4,170 4,135 8,305 35.0 33.9	4,261 4,230 8,492 35.7 34.6	4,279 4,254 8,533 35.6 34.6	4,299 4,280 8,579 35.6 34.6	4,320 4,304 8,624 35.6 34.6		2011-2 +79,724 +79,530 +159,255 +638 +622	+3,986 +3,977 +7,963 +32 +31
Out-migration to the UK Male Female All SMigR: males SMigR: females Migrants input	4,078 4,274 8,352 30.3 30.5	4,084 4,275 8,359 30.5 30.8	4,114 4,291 8,405 30.9 31.2	4,151 4,312 8,463 31.4 31.7	4,150 4,288 8,438 31.7 31.9	4,121 4,244 8,365 31.8 32.0	4,106 4,216 8,322 32.0 32.2	4,089 4,170 8,259 32.1 32.2	4,071 4,153 8,224 32.3 32.4	4,061 4,121 8,182 32.6 32.5	4,048 4,099 8,146 32.7 32.6	4,024 4,074 8,098 32.8 32.6	4,012 4,049 8,062 32.9 32.6	4,011 4,034 8,045 33.1 32.7	4,006 4,032 8,039 33.3 32.8	3,998 4,024 8,022 33.3 32.9	3,984 4,004 7,988 33.3 32.8	3,996 4,019 8,014 33.5 33.0	3,974 4,015 7,989 33.3 33.0	3,978 4,031 8,010 33.3 33.0	3,912 3,973 7,885 32.7 32.5	3,922 3,992 7,914 32.6 32.5	3,933 4,010 7,943 32.6 32.4	3,945 4,029 7,973 32.5 32.4		2011-2 +81,056 +82,723 +163,779 +647 +646	+4,053 +4,136 +8,189 +32 +32
In-migration from Overseas Male Female All SMigR: males SMigR: females Migrants input	366 325 691 39.5 35.3	369 327 695 39.9 35.7	353 313 666 38.5 34.5	329 291 620 36.1 32.4	348 308 656 38.6 34.8	366 324 690 41.1 37.2	376 333 709 42.8 38.8	387 343 730 44.7 40.6	390 345 735 45.6 41.5	394 349 744 46.8 42.6	404 358 762 48.6 44.2	428 379 807 52.1 47.5	423 375 798 52.1 47.4	423 375 798 52.6 47.9	422 374 795 52.9 48.2	426 378 804 53.8 49.0	440 390 830 55.9 50.9	431 382 813 54.8 50.0	454 403 857 57.9 52.9	457 405 862 58.2 53.2	538 477 1,015 68.4 62.6	538 477 1,015 67.9 62.2	538 477 1,015 67.4 61.7	538 477 1,015 66.9 61.3		2011-2 +7,986 +7,075 +15,061 +953 +864	+399 +354 +753 +48 +43
Out-migration to Overseas Male Female All SMigR: males SMigR: females Migrants input	492 370 862 53.0 40.2	494 373 867 53.5 40.7	515 390 905 56.1 42.9	546 414 960 59.9 46.1	530 402 932 58.8 45.5	514 391 905 57.8 44.9	503 383 886 57.3 44.6	492 374 866 56.8 44.3	489 372 861 57.2 44.7	484 368 852 57.4 44.9	473 360 834 56.9 44.5	448 341 788 54.5 42.6	453 345 797 55.7 43.6	453 345 798 56.3 44.1	454 346 800 57.0 44.6	450 342 792 56.8 44.4	435 331 766 55.2 43.2	445 338 783 56.6 44.3	419 319 739 53.5 41.9	416 317 733 53.0 41.6	330 251 580 41.9 32.9	330 251 580 41.6 32.7	330 251 580 41.3 32.5	330 251 580 41.0 32.2		2011-2 +9,504 +7,220 +16,724 +1,123 +874	+475 +361 +836 +56 +44
Migration - Net Flows UK Overseas	-754 -171	-690 -171	-708 -239	-766 -340	-666 -276	-527 -215	-440 -177	-333 -136	-276 -126	-216 -108	-156 -72	-58 +19	-20 +1	+15	+45 -5	+96 +12	+183 +64	+171 +30	+279 +118	+295 +129	+607 +435	+619 +435	+636 +435	+650 +435		2011-2 -4,525 -1,663	-226 -83
Summary of population char Natural change Net migration Net change	-152 -924 -1,077	-126 -862 -987	-90 -946 -1,036	-84 -1,106 -1,190	-121 -943 -1,064	-150 -743 -892	-189 -617 -807	-221 -469 -690	-257 -402 -659	-306 -324 -630	-361 -228 -589	-414 -39 -454	-472 -19 -491	-528 +15 -513	-588 +41 -548	-648 +108 -540	-701 +247 -454	-738 +201 -537	-773 +397 -375	-806 +425 -381	-827 +1,042 +215	-828 +1,054 +226	-826 +1,071 +245	-823 +1,085 +262		-7,725 -6,188 -13,913	-386 -309 -696
Summary of Popula	ation e	stimat	es/for	ecasts	;																						
0-4 5-10 11-15 16-17 18-59Female, 64Male 60/65-74 75-84 85- Total	2011 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2012 14,437 16,895 15,378 6,888 152,839 38,868 20,812 7,779 273,894	2013 14,610 17,006 14,734 6,823 151,393 39,186 21,174 7,981	2014 14,770 17,104 14,402 6,537 149,878 39,647 21,340 8,192 271,870	2015 14,810 17,130 14,274 6,195 148,249 40,171 21,360 8,493 270,681	2016 14,806 17,381 14,124 5,971 146,533 40,576 21,414 8,812 269,617	2017 14,730 17,594 14,117 5,750 144,783 41,233 21,375 9,143	2018 14,593 17,799 14,226 5,630 142,966 41,688 21,611 9,403	2019 14,417 17,988 14,341 5,584 141,242 42,052 21,879 9,726	2020 14,219 18,149 14,308 5,776 139,523 42,494 22,073 10,027 266,568	2021 14,017 18,181 14,571 5,738 137,708 43,010 22,336 10,378 265,938	2022 13,804 18,163 14,762 5,632 136,119 42,866 23,184 10,819 265,349	2023 13,592 18,068 14,966 5,771 134,353 43,084 23,805 11,258 264,895	2024 13,367 17,908 15,166 5,840 132,700 43,581 24,275 11,567 264,405	2025 13,128 17,704 15,360 5,886 131,164 44,185 24,640 11,825 263,892	2026 12,885 17,471 15,444 5,996 129,729 44,764 24,940 12,117 263,345	2027 12,647 17,231 15,470 6,112 128,313 45,329 25,358 12,346 262,805	2028 12,429 16,982 15,417 6,183 127,146 45,920 25,566 12,710 262,352	2029 12,230 16,723 15,296 6,257 126,097 46,270 25,822 13,120 261,815	2030 12,070 16,461 15,135 6,293 125,258 46,590 26,167 13,465 261,439	2031 11,950 16,191 14,954 6,288 124,627 46,752 26,418 13,879	2032 11,903 15,950 14,789 6,248 124,753 46,538 26,345 14,747 261,273	2033 11,901 15,724 14,612 6,185 124,967 46,152 26,524 15,434 261,499	2034 11,939 15,527 14,428 6,120 125,335 45,652 26,827 15,916	2035 12,015 15,361 14,236 6,052 125,894 44,887 27,286 16,274 262,006	2011-2	-696
Population impact of constra Number of persons	aint +115	-1,274	-1,267	-1,392	-1,585	-1,440	-1,300	-1,224	-1,142	-1,121	-1,086	-1,014	-832	-867	-870	-879	-846	-741	-810	-633	-611						
Households Number of Households Change over previous year Number of supply units Change over previous year	119,248 +650		119,623 +188 125,523 +197	119,811 +188 125,720 +197	120,000 +189 125,918 +198	120,188 +188 126,116 +198	120,376 +187 126,312 +196	120,562 +187 126,508 +196	120,749 +187 126,704 +196	120,936 +187 126,900 +196		121,309 +187 127,292 +196	121,495 +186 127,487 +195	121,681 +186 127,682 +195	121,868 +186 127,878 +195	122,054 +186 128,073 +196	122,240 +186 128,269 +196		122,613 +186 128,660 +196	122,798 +186 128,855 +195	122,984 +186 129,049 +195	123,344 +360 129,427 +378	123,704 +360 129,805 +378	124,084 +380 130,203 +398	124,459 +375 130,597 +394	3,736 3,920	187
Labour Force Number of Labour Force Change over previous year Number of supply units Change over previous year	121,311 +111 86,279 -300	120,326 -986 85,295 -983	119,229 -1,097 84,518 -778	118,105 -1,124 84,096 -422	116,826 -1,279 83,555 -540	115,542 -1,284 83,003 -552	114,262 -1,279 82,446 -557	112,991 -1,271 81,888 -559	111,920 -1,071 81,111 -776	110,750 -1,171 80,263 -848	109,528 -1,222 79,378 -886	108,322 -1,206 78,503 -874	107,235 -1,087 77,716 -787	106,252 -983 77,003 -712	105,300 -952 76,313 -690	104,347 -952 75,623 -690	103,570 -777 75,060 -563	102,906 -665 74,578 -482	102,315 -591 74,150 -428	101,921 -394 73,865 -285	101,624 -297 73,650 -215	101,774 +150 73,758 +109	101,984 +210 73,911 +152	102,192 +208 74,061 +151	102,431 +239 74,234 +173	-19,687 -12,629	-984 -631

3a. Zero Net Migration

Population Estimates and Forecasts	Sefton ONS 2010 POP

Components of Po	opulatio		•			AllGro	up	;	SCEN	ARIO :	BA: ZE	RO NE	ET MIC	RATIO	ON												
Births Male Female All Births TFR Births input	2011 1,496 1,425 2,921 1.96	2012 1,519 1,447 2,966 1.98	2013 1,533 1,460 2,994 1.98	2014 1,536 1,463 2,999 1.98	2015 1,528 1,455 2,983 1.96	2016 1,521 1,448 2,969 1.94	2017 1,509 1,437 2,945 1,92	2018 1,496 1,425 2,921 1,91	1,482 1,411 2,893 1.90	1,461 1,392 2,853 1.88	2021 1,437 1,369 2,806 1.87	1,411 1,344 2,754 1.86	2023 1,383 1,317 2,699 1.84	1,352 1,288 2,640 1.83	2025 1,321 1,258 2,579 1.82	2026 1,291 1,230 2,521 1,81	1,265 1,205 2,471 1.80	2028 1,243 1,184 2,427 1.79	1,224 1,166 2,390 1.79	1,209 1,151 2,360 1.79	1,197 1,140 2,337 1.79	1,189 1,132 2,321 1.79	2033 1,184 1,128 2,311 1.79	1,181 1,125 2,306 1.79			
Deaths Malle Female All deaths SMR: males SMR: temales SMR: temale & temale Expectation of life Deaths input	1,453 1,621 3,074 108.7 104.9 106.7 80.4	1,455 1,617 3,072 106.4 103.3 104.7 80.5	1,458 1,587 3,045 104.2 100.0 101.9 80.7	1,454 1,568 3,022 101.5 97.2 99.3 80.9	1,446 1,572 3,018 98.7 95.9 97.2 81.1	1,444 1,566 3,010 96.2 93.9 95.0 81.2	1,450 1,560 3,010 94.4 91.9 93.1 81.4	1,452 1,551 3,003 92.3 89.9 91.0 81.5	1,452 1,550 3,002 90.2 88.2 89.1 81.7	1,457 1,549 3,005 88.4 86.4 87.3 81.8	1,465 1,545 3,010 86.8 84.6 85.7 81.9	1,471 1,542 3,013 85.2 82.8 84.0 82.1	1,478 1,544 3,023 83.7 81.4 82.5 82.2	1,485 1,543 3,029 82.2 79.8 81.0 82.3	1,495 1,544 3,039 81.0 78.3 79.6 82.4	1,503 1,550 3,053 79.7 77.0 78.3 82.5	1,512 1,558 3,070 78.4 75.8 77.1 82.6	1,518 1,563 3,081 77.1 74.5 75.8 82.7	1,526 1,567 3,094 76.0 73.4 74.6 82.8	1,540 1,577 3,116 75.1 72.5 73.8 82.9	1,551 1,582 3,133 74.2 71.5 72.8 83.0	1,558 1,590 3,148 73.2 70.6 71.9 83.1	1,568 1,598 3,165 72.3 69.6 70.9 83.2	1,578 1,607 3,184 71.4 68.8 70.0 83.3			
In-migration from the UK Male Female All SMigR: males SMigR: females Migrants input	3,957 4,018 7,975 29,4 28.7	3,978 4,035 8,014 29,6 28,9	4,001 4,051 8,051 29.7 29.1	4,020 4,060 8,080 29,9 29.3	4,037 4,067 8,105 30.1 29.6	4,041 4,060 8,101 30.3 29.7	4,046 4,056 8,102 30.5 30.0	4,047 4,046 8,093 30.7 30.1	4,049 4,037 8,086 30.9 30.3	4,048 4,026 8,074 31.2 30.5	4,050 4,018 8,068 31.4 30.7	4,054 4,015 8,068 31.7 30.8	4,048 4,003 8,052 31.8 31.0	4,050 4,002 8,052 32.1 31.2	4,055 4,006 8,061 32.3 31.4	4,061 4,009 8,070 32.5 31.6	4,065 4,014 8,079 32.7 31.7	4,073 4,027 8,100 32.9 31.9	4,086 4,042 8,128 33.1 32.1	4,100 4,057 8,157 33.3 32.3	4,114 4,075 8,188 33.4 32.4	4,127 4,096 8,224 33.6 32.6	4,142 4,119 8,261 33.8 32.9	4,160 4,139 8,299 33.9 33.1		+80,866 +80,651 +161,517 +626 +611	+4,043 +4,033 +8,076 +31 +31
Out-migration to the UK Male Female All SMigR: males SMigR: females Migrants input	3,894 4,081 7,975 28.9 29.1	3,915 4,099 8,014 29.1 29.3	3,941 4,110 8,051 29.3 29.6	3,963 4,117 8,080 29.5 29.8	3,986 4,119 8,105 29.7 29.9	3,990 4,111 8,101 29.9 30.1	3,996 4,106 8,102 30.1 30.3	4,006 4,086 8,093 30.4 30.5	4,001 4,085 8,086 30.6 30.7	4,007 4,067 8,074 30.9 30.8	4,009 4,060 8,068 31.1 31.0	4,009 4,059 8,068 31.3 31.2	4,008 4,044 8,052 31.5 31.3	4,016 4,037 8,052 31.8 31.4	4,018 4,043 8,061 32.0 31.7	4,023 4,047 8,070 32.2 31.8	4,031 4,048 8,079 32.4 32.0	4,041 4,059 8,100 32.6 32.2	4,043 4,085 8,128 32.7 32.5	4,051 4,106 8,157 32.9 32.7	4,061 4,127 8,188 33.0 32.9	4,075 4,149 8,224 33.2 33.1	4,090 4,170 8,261 33.3 33.3	4,106 4,192 8,299 33.5 33.5		2011-2 +79,947 +81,570 +161,517 +619 +618	+3,997 +4,079 +8,076 +31 +31
In-migration from Oversea Male Female AU SMigR: males SMigR: females Migrants input	412 365 776 44.4 39.6	414 367 781 44.6 39.8	416 369 785 44.8 40.1	419 371 790 45.1 40.5	421 373 794 45.6 41.0	423 375 798 46.1 41.5	423 375 798 46.5 41.9	423 374 798 46.9 42.4	423 374 798 47.5 42.9	424 374 798 48.1 43.4	424 374 798 48.7 44.0	424 374 798 49.3 44.5	424 374 798 49.9 45.0	424 374 798 50.5 45.5	424 374 798 51.0 46.0	424 373 798 51.4 46.4	424 373 798 51.8 46.8	424 373 798 52.1 47.1	425 373 798 52.3 47.3	425 373 798 52.5 47.5	425 373 798 52.6 47.6	425 373 798 52.6 47.8	425 373 798 52.6 47.8	425 373 798 52.6 47.9		2011-3 +8,441 +7,452 +15,893 +969 +873	+422 +373 +795 +48 +44
Out-migration to Overseas Male Female All SMigR: males SMigR: females Migrants input	443 333 776 47.8 36.2	445 336 781 47.9 36.5	447 338 785 48.1 36.8	449 341 790 48.4 37.2	451 343 794 48.8 37.6	453 345 798 49.3 38.2	453 345 798 49.8 38.6	453 345 798 50.2 39.0	453 345 798 50.8 39.5	453 344 798 51.4 40.0	453 344 798 52.1 40.5	453 344 798 52.7 41.0	454 344 798 53.3 41.5	454 344 798 54.0 41.9	454 344 798 54.5 42.4	454 344 798 55.0 42.7	454 344 798 55.4 43.1	454 344 798 55.7 43.4	454 344 798 55.9 43.6	454 344 798 56.1 43.8	454 344 798 56.2 43.9	454 344 798 56.2 44.0	454 344 798 56.2 44.1	454 344 798 56.2 44.1		2011-2 +9,038 +6,854 +15,893 +1,037 +803	+452 +343 +795 +52 +40
Migration - Net Flows UK Overseas	-0 +0	-0 +0	+0	-0 +0	-0 -0	-0 -0	+0	+0	-0 +0	+0	+0	0 -0	+0	0+0	-0 -0	-0 -0	+0 -0	+0	-0 +0	+0	+0	+0	-0 +0	+0		2011-3 -0 +0	-0 +0
Summary of population ch Natural change Net migration Net change	-152 -0 -152	-106 -0 -106	-51 +0 -51	-23 -0 -23	-35 -0 -35	-41 -0 -41	-64 +0 -64	-83 +0 -83	-110 -0 -110	-153 +0 -153	-205 +0 -205	-259 -0 -259	-323 +0 -323	-388 +0 -388	-460 -0 -460	-532 -0 -532	-600 +0 -600	-653 +0 -653	-704 -0 -704	-756 +0 -756	-796 +0 -796	-827 +0 -827	-854 -0 -854	-878 +0 -878		-5,698 -0 -5,698	-285 -0 -285
Summary of Popu	lation e	estimat	tes/for	ecasts	•																						
0-4 5-10 11-15 16-17 18-99Female, 64Male 60/65-74 75-94 85+ Total	2011 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2012 14,502 16,940 15,409 6,903 153,530 38,911 20,832 7,792 274,819	2013 14,750 17,098 14,794 6,851 152,730 39,272 21,213 8,007 274,712	2014 15,002 17,251 14,495 6,578 151,928 39,780 21,397 8,231 274,661	2015 15,156 17,344 14,405 6,249 151,140 40,360 21,438 8,546 274,639	2016 15,269 17,666 14,290 6,036 150,136 40,818 21,511 8,878	2017 15,307 17,947 14,314 5,823 148,946 41,520 21,487 9,219 274,563	2018 15,274 18,228 14,454 5,712 147,590 42,017 21,737 9,486 274,498	2019 15,186 18,496 14,597 5,672 146,213 42,417 22,019 9,815 274,416	2020 15,063 18,745 14,593 5,876 144,792 42,894 22,223 10,119 274,306	2021 14,917 18,871 14,892 5,845 143,214 43,443 22,498 10,474 274,154	2022 14,741 18,949 15,120 5,743 141,794 43,323 23,362 10,917 273,949	2023 14,543 18,944 15,360 5,888 140,045 43,558 23,996 11,357 273,690	2024 14,314 18,864 15,606 5,967 138,399 44,074 24,477 11,665 273,367	2025 14,055 18,728 15,854 6,023 136,849 44,697 24,852 11,921 272,978	2026 13,775 18,547 15,998 6,146 135,385 45,294 25,162 12,211 272,518	2027 13,486 18,338 16,091 6,277 133,895 45,874 25,589 12,437 271,986	2028 13,199 18,095 16,108 6,358 132,553 46,476 25,803 12,795 271,387	2029 12,926 17,825 16,051 6,453 131,371 46,838 26,067 13,202 270,733	2030 12,678 17,527 15,939 6,515 130,252 47,163 26,416 13,539 270,029	2031 12,462 17,199 15,795 6,535 129,336 47,330 26,669 13,946 269,273	2032 12,283 16,858 15,631 6,509 128,722 47,088 26,584 14,800 268,477	2033 12,139 16,518 15,439 6,462 128,195 46,675 26,752 15,470 267,650	2034 12,028 16,190 15,224 6,406 127,820 46,149 27,044 15,934	2035 11,950 15,884 14,984 6,341 127,635 45,358 27,491 16,273 265,918	-5,698	:031 -285
Number of persons  Households  Number of Households  Change over previous year  Number of supply units  Change over previous year	+343 119,248 +650 125,129 +682	119,745 +497 125,651 +521	120,236 +491 126,166 +515	120,774 +538 126,731 +565	121,390 +616 127,377 +646	121,970 +579 127,985 +608	122,493 +523 128,534 +549	122,990 +497 129,055 +521	123,438 +448 129,526 +470	123,865 +427 129,974 +448	124,262 +397 130,391 +417	124,622 +359 130,768 +377	124,906 +285 131,067 +299	125,178 +272 131,352 +285	125,437 +259 131,623 +271	125,681 +244 131,879 +256	125,895 +214 132,103 +224	126,056 +162 132,273 +170	126,228 +172 132,453 +180	126,322 +94 132,552 +98	126,394 +72 132,627 +75	126,401 +7 132,635 +7	126,386 -14 132,619 -15	126,369 -17 132,601 -18	126,326 -43 132,556 -45	7,146 7,498	357 375
Labour Force Number of Labour Force Change over previous year Number of supply units Change over previous year	121,311 +111 86,279 -300	120,847 -465 85,665 -614	120,246 -601 85,239 -426	119,674 -572 85,213 -26	119,044 -630 85,142 -71	118,315 -729 84,995 -146	117,475 -840 84,765 -231	116,570 -905 84,481 -284	115,780 -790 83,909 -573	114,847 -933 83,233 -676	113,817 -1,030 82,486 -747	112,745 -1,073 81,709 -777	111,680 -1,064 80,937 -771	110,709 -971 80,234 -704	109,751 -958 79,540 -694	108,782 -970 78,837 -703	107,953 -829 78,236 -601	107,162 -791 77,663 -573	106,480 -683 77,169 -495	105,887 -593 76,739 -430	105,382 -505 76,373 -366	104,972 -410 76,076 -297	104,616 -356 75,818 -258	104,247 -369 75,551 -267	103,901 -347 75,299 -251	-15,929 -9,905	-796 -495

**3b. Zero Net Migration: Vacancy Sensitivity** 

P12 2847004v5

Population Esti	mates	and F	orec	asts			Sefto	n ONS	S 201	0 POI	Р					5	SCENARI	O 3 - VAC	CANCY SI	ENSITIVI	ГҮ							
Components of Po						AllGro	up																					
Births	Year begin 2011	ning July 2012	1st 2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034				
Male Female All Births TFR Births input	1,496 1,425 2,921 1,96	1,519 1,447 2,966 1.98	1,533 1,460 2,994 1.98	1,536 1,463 2,999 1.98	1,528 1,455 2,983 1.96	1,521 1,448 2,969 1.94	1,509 1,437 2,945 1.92	1,496 1,425 2,921 1.91	1,482 1,411 2,893 1.90	1,461 1,392 2,853 1.88	1,437 1,369 2,806 1.87	1,411 1,344 2,754 1.86	1,383 1,317 2,699 1.84	1,352 1,288 2,640 1.83	1,321 1,258 2,579 1.82	1,291 1,230 2,521 1.81	1,265 1,205 2,471 1.80	1,243 1,184 2,427 1.79	1,224 1,166 2,390 1.79	1,209 1,151 2,360 1.79	1,197 1,140 2,337 1.79	1,189 1,132 2,321 1.79	1,184 1,128 2,311 1.79	1,181 1,125 2,306 1.79				
Deaths Male Female All deaths SMR: males SMR: females SMR: female Expectation of life Deaths input	1,453 1,621 3,074 108.7 104.9 106.7 80.4	1,455 1,617 3,072 106.4 103.3 104.7 80.5	1,458 1,587 3,045 104.2 100.0 101.9 80.7	1,454 1,568 3,022 101.5 97.2 99.3 80.9	1,446 1,572 3,018 98.7 95.9 97.2 81.1	1,444 1,566 3,010 96.2 93.9 95.0 81.2	1,450 1,560 3,010 94.4 91.9 93.1 81.4	1,452 1,551 3,003 92.3 89.9 91.0 81.5	1,452 1,550 3,002 90.2 88.2 89.1 81.7	1,457 1,549 3,005 88.4 86.4 87.3 81.8	1,465 1,545 3,010 86.8 84.6 85.7 81.9	1,471 1,542 3,013 85.2 82.8 84.0 82.1	1,478 1,544 3,023 83.7 81.4 82.5 82.2	1,485 1,543 3,029 82.2 79.8 81.0 82.3	1,495 1,544 3,039 81.0 78.3 79.6 82.4	1,503 1,550 3,053 79.7 77.0 78.3 82.5	1,512 1,558 3,070 78.4 75.8 77.1 82.6	1,518 1,563 3,081 77.1 74.5 75.8 82.7	1,526 1,567 3,094 76.0 73.4 74.6 82.8	1,540 1,577 3,116 75.1 72.5 73.8 82.9	1,551 1,582 3,133 742 71.5 72.8 83.0	1,558 1,590 3,148 73.2 70.6 71.9 83.1	1,568 1,598 3,165 72.3 69.6 70.9 83.2	1,578 1,607 3,184 71.4 68.8 70.0 83.3				
In-migration from the UK Male Female All SMigR: males SMigR: females Migrants input	3,957 4,018 7,975 29.4 28.7	3,978 4,035 8,014 29.6 28.9	4,001 4,051 8,051 29.7 29.1	4,020 4,060 8,080 29.9 29.3	4,037 4,067 8,105 30.1 29.6	4,041 4,060 8,101 30.3 29.7	4,046 4,056 8,102 30.5 30.0	4,047 4,046 8,093 30.7 30.1	4,049 4,037 8,086 30.9 30.3	4,048 4,026 8,074 31.2 30.5	4,050 4,018 8,068 31.4 30.7	4,054 4,015 8,068 31.7 30.8	4,048 4,003 8,052 31.8 31.0	4,050 4,002 8,052 32.1 31.2	4,055 4,006 8,061 32.3 31.4	4,061 4,009 8,070 32.5 31.6	4,065 4,014 8,079 32.7 31.7	4,073 4,027 8,100 32.9 31.9	4,086 4,042 8,128 33.1 32.1	4,100 4,057 8,157 33.3 32.3	4,114 4,075 8,188 33.4 32.4	4,127 4,096 8,224 33.6 32.6	4,142 4,119 8,261 33.8 32.9	4,160 4,139 8,299 33.9 33.1		+8	0,651	+4,043 +4,033 +8,076 +31 +31
Out-migration to the UK Male Female All SMigR: males SMigR: females Migrants input	3,894 4,081 7,975 28.9 29.1	3,915 4,099 8,014 29.1 29.3	3,941 4,110 8,051 29.3 29.6	3,963 4,117 8,080 29.5 29.8	3,986 4,119 8,105 29.7 29.9	3,990 4,111 8,101 29.9 30.1	3,996 4,106 8,102 30.1 30.3	4,006 4,086 8,093 30.4 30.5	4,001 4,085 8,086 30.6 30.7	4,007 4,067 8,074 30.9 30.8	4,009 4,060 8,068 31.1 31.0	4,009 4,059 8,068 31.3 31.2	4,008 4,044 8,052 31.5 31.3	4,016 4,037 8,052 31.8 31.4	4,018 4,043 8,061 32.0 31.7	4,023 4,047 8,070 32.2 31.8	4,031 4,048 8,079 32.4 32.0	4,041 4,059 8,100 32.6 32.2	4,043 4,085 8,128 32.7 32.5	4,051 4,106 8,157 32.9 32.7	4,061 4,127 8,188 33.0 32.9	4,075 4,149 8,224 33.2 33.1	4,090 4,170 8,261 33.3 33.3	4,106 4,192 8,299 33.5 33.5		+7	1,570	+3,997 +4,079 +8,076 +31 +31
In-migration from Oversea Male Female All SMigR: males SMigR: females Migrants input	412 365 776 44.4 39.6	414 367 781 44.6 39.8	416 369 785 44.8 40.1	419 371 790 45.1 40.5	421 373 794 45.6 41.0	423 375 798 46.1 41.5	423 375 798 46.5 41.9	423 374 798 46.9 42.4	423 374 798 47.5 42.9	424 374 798 48.1 43.4	424 374 798 48.7 44.0	424 374 798 49.3 44.5	424 374 798 49.9 45.0	424 374 798 50.5 45.5	424 374 798 51.0 46.0	424 373 798 51.4 46.4	424 373 798 51.8 46.8	424 373 798 52.1 47.1	425 373 798 52.3 47.3	425 373 798 52.5 47.5	425 373 798 52.6 47.6	425 373 798 52.6 47.8	425 373 798 52.6 47.8	425 373 798 52.6 47.9			2011-203 8,441 7,452 5,893 +969 +873	+422 +373 +795 +48 +44
Out-migration to Overseas Male Female All SMigR: males SMigR: females Migrants input	443 333 776 47.8 36.2	445 336 781 47.9 36.5	447 338 785 48.1 36.8	449 341 790 48.4 37.2	451 343 794 48.8 37.6	453 345 798 49.3 38.2	453 345 798 49.8 38.6	453 345 798 50.2 39.0	453 345 798 50.8 39.5	453 344 798 51.4 40.0	453 344 798 52.1 40.5	453 344 798 52.7 41.0	454 344 798 53.3 41.5	454 344 798 54.0 41.9	454 344 798 54.5 42.4	454 344 798 55.0 42.7	454 344 798 55.4 43.1	454 344 798 55.7 43.4	454 344 798 55.9 43.6	454 344 798 56.1 43.8	454 344 798 56.2 43.9	454 344 798 56.2 44.0	454 344 798 56.2 44.1	454 344 798 56.2 44.1		+1	2011-203 9,038 6,854 5,893 1,037 +803	+452 +343 +795 +52 +40
Migration - Net Flows UK Overseas	-0 +0	-0 +0	+0	-0 +0	-0 -0	-0 -0	+0	+0 +0	-0 +0	+0	+0	0	+0 +0	0+0	-0 -0	-0 -0	+0 -0	+0	-0 +0	+0	+0	+0	-0 +0	+0			2011-203 -0 +0	-0 +0
Summary of population cha Natural change Net migration Net change	-152 -0 -152	-106 -0 -106	-51 +0 -51	-23 -0 -23	-35 -0 -35	-41 -0 -41	-64 +0 -64	-83 +0 -83	-110 -0 -110	-153 +0 -153	-205 +0 -205	-259 -0 -259	-323 +0 -323	-388 +0 -388	-460 -0 -460	-532 -0 -532	-600 +0 -600	-653 +0 -653	-704 -0 -704	-756 +0 -756	-796 +0 -796	-827 +0 -827	-854 -0 -854	-878 +0 -878			5,698 -0 5,698	-285 -0 -285
Summary of Popu	lation e	stimat	es/fore	ecasts	•																							
0-4 5-10 11-15 16-17 18-59Female, 64Male 60/65-74 75-84 85+ Total	2011 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547	2012 14,502 16,940 15,409 6,903 153,530 38,911 20,832 7,792	2013 14,750 17,098 14,794 6,851 152,730 39,272 21,213 8,007	2014 15,002 17,251 14,495 6,578 151,928 39,780 21,397 8,231	2015 15,156 17,344 14,405 6,249 151,140 40,360 21,438 8,546	2016 15,269 17,666 14,290 6,036 150,136 40,818 21,511 8,878	2017 15,307 17,947 14,314 5,823 148,946 41,520 21,487 9,219	2018 15,274 18,228 14,454 5,712 147,590 42,017 21,737 9,486	2019 15,186 18,496 14,597 5,672 146,213 42,417 22,019 9,815	2020 15,063 18,745 14,593 5,876 144,792 42,894 22,223 10,119	2021 14,917 18,871 14,892 5,845 143,214 43,443 22,498 10,474 274,154	2022 14,741 18,949 15,120 5,743 141,794 43,323 23,362 10,917 273,949	2023 14,543 18,944 15,360 5,888 140,045 43,558 23,996 11,357	2024 14,314 18,864 15,606 5,967 138,399 44,074 24,477 11,665	2025 14,055 18,728 15,854 6,023 136,849 44,697 24,852 11,921 272,978	2026 13,775 18,547 15,998 6,146 135,385 45,294 25,162 12,211 272,518	2027 13,486 18,338 16,091 6,277 133,895 45,874 25,589 12,437	2028 13,199 18,095 16,108 6,358 132,553 46,476 25,803 12,795 271,387	2029 12,926 17,825 16,051 6,453 131,371 46,838 26,067 13,202	2030 12,678 17,527 15,939 6,515 130,252 47,163 26,416 13,539	2031 12,462 17,199 15,795 6,535 129,336 47,330 26,669 13,946	2032 12,283 16,858 15,631 6,509 128,722 47,088 26,584 14,800	2033 12,139 16,518 15,439 6,462 128,195 46,675 26,752 15,470	2034 12,028 16,190 15,224 6,406 127,820 46,149 27,044 15,934	2035 11,950 15,884 14,984 6,341 127,635 45,358 27,491 16,273 265,918		<b>2011-203</b> 5,698	-285
Population impact of const				,1	,	, /	,		,	,	,,	.,	.,						.,					,				
Households Number of Households Change over previous year Number of supply units Change over previous year	119,248 +650	+497	120,236 +491 126,166 +515 95.3%	120,774 +538 126,731 +565 95.3%	121,390 +616 127,377 +646 95.3%	121,970 +579 127,985 +608 95.3%	122,493 +523 128,461 +476 95.4%	122,990 +497 128,910 +448 95.4%	123,438 +448 129,307 +397 95.5%	123,865 +427 129,681 +374 95.5%	124,262 +397 130,024 +343 95.6%	124,622 +359 130,326 +303 95.6%	124,906 +285 130,550 +224 95.7%	125,178 +272 130,761 +211 95.7%	125,437 +259 130,957 +196 95.8%	125,681 +244 131,138 +181 95.8%	125,895 +214 131,287 +149 95.9%	+162	126,228 +172 131,488 +105 96.0%	126,322 +94 131,585 +98 96.0%	126,394 +72 131,660 +75 96.0%	126,401 +7 131,667 +7 96.0%	126,386 -14 131,652 -15 96.0%	126,369 -17 131,635 -18 96.0%	126,326 -43 131,589 -45 96.0%		7,146 6,531	357 327
Labour Force Number of Labour Force Change over previous year Number of supply units Change over previous year			120,246 -601 85,239 -426	119,674 -572 85,213 -26	119,044 -630 85,142 -71	118,315 -729 84,995 -146		116,570 -905 84,481 -284	115,780 -790 83,909 -573	114,847 -933 83,233 -676	113,817 -1,030 82,486 -747	112,745 -1,073 81,709 -777	111,680 -1,064 80,937 -771	110,709 -971 80,234 -704	109,751 -958 79,540 -694	108,782 -970 78,837 -703	107,953 -829 78,236 -601		106,480 -683 77,169 -495	105,887 -593 76,739 -430	105,382 -505 76,373 -366		104,616 -356 75,818 -258	104,247 -369 75,551 -267	103,901 -347 75,299 -251		5,929 9,905	-796 -495

## 4a. Stable Population

### Population Estimates and Forecasts

#### Sefton ONS 2010 POP

i opulation Lati				asis			Jeno	014	0 201	0 1 0																
Components of P	opulation Year begin					AllGro	up		SCENA	RIO 4A	: STAE	BLE PO	PULAT	ION												
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
Births Male	1.496	1.507	1.509	1.500	1.481	1.467	1.451	1,440	1.432	1.423	1,414	1.405	1.397	1.389	1.380	1.373	1.369	1.367	1.365	1.363	1.363	1.362	1.362	1.363		
Female	1,425	1,435	1,437	1,429	1,411	1,397	1,382	1,372	1,364	1,355	1,347	1,338	1,331	1,323	1,314	1,307	1,303	1,301	1,300	1,298	1,298	1,297	1,362	1,298		
All Births	2,921	2,941	2,946	2,929	2,892	2,863	2,834	2,812	2,796	2,778	2,761	2,744	2,728	2,711	2,695	2,680	2,672	2,668	2,664	2,661	2,660	2,660	2,660	2,660		
TFR Births input	1.96	1.97	1.97	1.96	1.94	1.92	1.90	1.88	1.87	1.86	1.85	1.84	1.83	1.82	1.81	1.80	1.79	1.79	1.79	1.78	1.78	1.78	1.78	1.78		
Deaths																										
Male Female	1,453 1,621	1,426	1,396	1,362 1,498	1,322	1,292	1,266	1,240	1,214 1,354	1,188	1,167	1,145 1,273	1,126	1,106 1,226	1,089	1,072	1,056	1,039	1,024	1,012	1,000	987 1,083	974 1,068	962 1.055		
All deaths	3,074	3,018	2,937	2,860	2,800	2,737	2,681	2,622	2,568	2,516	2,468	2,418	2,377	2,332	2,293	2,256	2,220	2,182	2,150	2,125	2,097	2,070	2,042	2,018		
SMR: males	108.7	106.7	104.4	101.9	98.9	96.7	94.7	92.8	90.8	88.9	87.3	85.7	84.3	82.8	81.5	80.2	79.0	77.7	76.6	75.8	74.8	73.8	72.9	72.0		
SMR: females SMR: male & female	104.9 106.7	103.1	99.8	97.0 99.3	95.7 97.2	93.6 95.0	91.6 93.1	89.5 91.0	87.7 89.1	86.0 87.3	84.2 85.7	82.4 84.0	81.0 82.5	79.4 81.0	78.0 79.6	76.7 78.3	75.4 77.1	74.1 75.8	72.9 74.6	72.1 73.8	71.1 72.8	70.2 71.9	69.2 70.9	68.3 70.0		
Expectation of life Deaths input	80.4	80.5	80.7	80.9	81.1	81.3	81.4	81.6	81.7	81.9	82.0	82.2	82.3	82.4	82.5	82.6	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.4		
In-migration from the UK																										2011-2031
Male	4,092	4,114	4,135	4,154	4,173	4,182	4,192	4,197	4,199	4,199	4,198	4,194	4,192	4,192	4,194	4,198	4,201	4,206	4,213	4,221	4,230	4,243	4,258	4,274		+83,646 +4,182
Female 4//	4,282 8.374	4,302 8,415	4,313 8 447	4,320 8.474	4,327 8,500	4,323 8.506	4,318 8,510	4,305 8,503	4,296 8 495	4,280 8,479	4,267 8,465	4,258 8.452	4,245 8,437	4,239 8,432	4,239 8,433	4,242 8,439	4,244 8.445	4,253 8,459	4,268 8,481	4,282 8 503	4,297 8,527	4,317 8,560	4,338 8 596	4,360 8,634		+85,602 +4,280 +169,247 +8,462
SMigR: males	30.4	30.6	30.7	30.9	31.0	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.4	31.5	31.6	31.7	31.8		+622 +31
SMigR: females Migrants input	30.6	30.7	30.8	30.8	30.9	30.9	30.8	30.7	30.7	30.6	30.5	30.4	30.3	30.3	30.3	30.3	30.3	30.4	30.5	30.6	30.7	30.8	31.0	31.1		+611 +31
Out-migration to the UK																										2011-2031
Male	4,224	4,247	4,274	4,297	4,320	4,318	4,322	4,323	4,319	4,319	4,318	4,318	4,308	4,308	4,305	4,304	4,306	4,314	4,319	4,328	4,341	4,356	4,373	4,391		+86,091 +4,305
Female All	4,366 8.590	4,389 8.636	4,412 8,686	4,424 8.721	4,421 8.741	4,406 8,725	4,396 8,717	4,373 8,696	4,365 8,684	4,345 8.664	4,336 8.653	4,335 8,653	4,315 8,623	4,305 8.613	4,305 8,609	4,305 8,609	4,305 8.611	4,317 8,631	4,339 8.658	4,360 8.688	4,382 8,723	4,406 8,762	4,431 8.804	4,456 8,848		+87,119 +4,356 +173,210 +8,660
SMigR: males	31.4	31.6	31.8	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.2	32.3	32.4	32.5	32.7		+640 +32
SMigR: females Migrants input	31.2	31.3	31.5	31.6	31.5	31.4	31.4	31.2	31.2	31.0	31.0	31.0	30.8	30.7	30.7	30.7	30.7	30.8	31.0	31.1	31.3	31.5	31.6	31.8		+622 +31
In-migration from Oversea																										2011-2031
Male	1,655	1,637	1,622	1,613	1,603	1,586	1,577	1,571	1,561	1,559	1,558	1,559	1,553	1,553	1,552	1,551	1,550	1,548	1,543	1,542	1,540	1,538	1,534	1,530		+31,495 +1,575
Female 4"	1,773 3,428	1,752	1,730 3,352	1,712 3,325	1,699 3,302	1,681 3,267	1,672 3,249	1,657 3,228	1,654	1,646 3,206	1,645 3,204	1,651 3,211	1,643 3,196	1,637 3,190	1,638 3,191	1,637 3,188	1,631 3,180	1,628 3,176	1,629	1,631	1,631	1,629 3,167	1,625 3,159	1,622 3,153		+33,347 +1,667 +64,842 +3,242
SMigR: males	178.5	176.6	175.0	174.0	172.9	171.1	170.2	169.5	168.4	168.2	168.2	168.3	167.6	167.6	167.5	167.5	167.3	167.1	166.6	166.4	166.3	166.0	165.6	165.2		+3,399 +170
SMigR: females Migrants input	192.6	190.4	188.0	186.0	184.6	182.7	181.7	180.1	179.7	179.0	178.9	179.5	178.5	178.0	178.1	177.9	177.3	177.0	177.1	177.4	177.3	177.1	176.7	176.4		+3,624 +181
Out-migration to Oversea																										2011-2031
Male	1,567	1,584	1,595	1,608	1,615	1,624	1,633	1,646	1,660	1,674	1,685	1,696	1,708	1,720	1,733	1,746	1,757	1,768	1,778	1,785	1,792	1,800	1,807	1,814		+33,580 +1,679
Female All	1,493 3.060	1,508	1,527	1,538	1,538	1,550	1,561 3,194	1,579	1,594	1,609	1,623	1,639	1,653	1,668	1,683	1,697	1,709	1,721	1,732 3,510	1,739	1,746	1,754	1,762	1,768		+32,363 +1,618 +65.943 +3.297
SMigR: males	169.0	170.8	172.1	173.5	174.2	175.2	176.2	177.6	179.1	180.6	181.9	183.0	184.3	185.6	187.0	188.4	189.6	190.9	191.9	192.7	193.5	194.3	195.1	195.8		+3.624 +181
SMigR: females Migrants input	162.3	163.8	165.9	167.2	167.1	168.4	169.7	171.6	173.2	174.9	176.5	178.2	179.7	181.3	183.0	184.5	185.8	187.2	188.3	189.1	189.9	190.7	191.5	192.2		+3,517 +176
Migration - Net Flows																										2011-2031
UK Overseas	-215 +368	-221 +298	-239 +230	-247 +178	-241 +149	-219 +93	-207 +55	-193 +4	-189 -39	-185 -77	-188 -105	-201 -124	-186 -165	-182 -197	-176 -226	-170 -255	-167 -285	-172 -314	-177 -338	-185 -351	-195 -367	-203 -387	-208 -409	-214 -429		-3,962 -198 -1,101 -55
Summary of population ch	nange																									
Natural change	-152	-77	+9	+69	+92	+126	+152	+190	+228	+262	+293	+326	+351	+379	+402	+425	+452	+486	+515	+536	+563	+590	+618	+643		+5,063 +253
Net migration Net change	+152	+77 -0	-9 +0	-69 +0	-92 -0	-126 -0	-152 +0	-190 +0	-228 +0	-262 +0	-293 +0	-326 +0	-351 -0	-379 0	-402 +0	-425 -0	-452 -0	-486 -0	-515 -0	-536 +0	-563 -0	-590 -0	-618 -0	-643 -0		-5,063 -253 -0 -0
Summary of Popu	ılation e	stimat	es/for	ecasts																						
. , , , , , , , , , , , , , , , , , , ,																										
0.4	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
0-4 5-10	14,266 16.887	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	14,266	
11-15	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	15,940	
16-17	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	
18-59Female, 64Male	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	154,362	
60/65 -74 75-84	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410 20,472	38,410	38,410 20,472	38,410	38,410 20,472								
85+	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	7,547	2011-2031
Total	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	274,971	0 0
Population impact of cons Number of persons	straint +115	-197	-329	-454	-548	-590	-683	-759	-863	-948	-1,024	-1,079	-1,118	-1,199	-1,264	-1,321	-1,379	-1,440	-1,497	-1,545	-1,572	-1,604	-1,644	-1,688	-1,728	
Households																										
Number of Households	119,248	119.398	119.555	119.754	120.035	120.283	120.593	120.951	121,278	121.615	121.949	122.173	122.397	122.631	122.899	123.140	123,369	123.553	123.649	123.713	123.755	123.699	123.647	123.647	123,647	4,507 225
Change over previous year	+650	+150	+156	+200	+281	+248	+310	+358	+326	+337	+334	+224	+224	+235	+267	+241	+229	+184	+97	+64	+42	-56	-52	0	0	
Number of supply units	125,129	125,287	125,451	125,660	125,955	126,215	126,541	126,916	127,259	127,613	127,964	128,198	128,433	128,679	128,960	129,213	129,453	129,646	129,748	129,815	129,858	129,800	129,745	129,745	129,745	4,729 236
Change over previous year	+682	+157	+164	+209	+295	+260	+326	+376	+343	+354	+351	+235	+235	+246	+280	+253	+241	+193	+101	+67	+44	-58	-55	0	0	
Labour Force																										
Number of Labour Force Change over previous year	121,311	121,405 +94	121,499 +94	121,593 +94	121,686	121,780 +94	121,874 +94	121,968	122,119 +151	122,270 +151	122,270	122,270	122,270	122,270	122,270	122,270	122,270	122,270	122,270	122,270	122,270	122,270	122,270	122,270	122,270 -0	959 48
Number of supply units	86,279	86,061	86,127	86,579	87,032	87,485	87,939	88,393	88,503	88,612	88,612	88,612	88,612	88,612	88,612	88,612	88,612	88,612	88,612	88,612	88,612	88,612	88,612	88,612	88,612	2,334 117
Change over previous year	-300	-218	+66	+452	+453	+453	+454	+454	+110	+110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-0	

4b. Stable Population: Vacancy Sensitivity

P14 2847004v5

Population Estin	nates	and I	Forec	asts		:	Sefto	n ONS	S 201	0 POI	•					5	SCENAR	IO 4 VACA	INCY SE	NSITIVIT	Υ						
Components of Po	pulatio	n Cha	nge			AllGro	up																				
,	Year begir 2011	nning July 2012	1st 2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034			
Births Male Female AW Births TFR Births input	1,496 1,425 2,921 1.96	1,507 1,435 2,941 1.97	1,509 1,437 2,946 1.97	1,500 1,429 2,929 1.96	1,481 1,411 2,892 1.94	1,467 1,397 2,863 1.92	1,451 1,382 2,834 1,90	1,440 1,372 2,812 1.88	1,432 1,364 2,796 1.87	1,423 1,355 2,778 1.86	1,414 1,347 2,761 1.85	1,405 1,338 2,744 1.84	1,397 1,331 2,728 1.83	1,389 1,323 2,711 1.82	1,380 1,314 2,695 1.81	1,373 1,307 2,680 1.80	1,369 1,303 2,672 1.79	1,367 1,301 2,668 1.79	1,365 1,300 2,664 1.79	1,363 1,298 2,661 1.78	1,363 1,298 2,660 1.78	1,362 1,297 2,660 1.78	1,362 1,298 2,660 1.78	1,363 1,298 2,660 1.78			
Deaths Male Female All deaths SMR: males SMR: lemales SMR: lemale Expectation of life Deaths input	1,453 1,621 3,074 108.7 104.9 106.7 80.4	1,426 1,592 3,018 106.7 103.1 104.7 80.5	1,396 1,541 2,937 104.4 99.8 101.9 80.7	1,362 1,498 2,860 101.9 97.0 99.3 80.9	1,322 1,478 2,800 98.9 95.7 97.2 81.1	1,292 1,445 2,737 96.7 93.6 95.0 81.3	1,266 1,415 2,681 94.7 91.6 93.1 81.4	1,240 1,383 2,622 92.8 89.5 91.0 81.6	1,214 1,354 2,568 90.8 87.7 89.1 81.7	1,188 1,328 2,516 88.9 86.0 87.3 81.9	1,167 1,301 2,468 87.3 84.2 85.7 82.0	1,145 1,273 2,418 85.7 82.4 84.0 82.2	1,126 1,250 2,377 84.3 81.0 82.5 82.3	1,106 1,226 2,332 82.8 79.4 81.0 82.4	1,089 1,204 2,293 81.5 78.0 79.6 82.5	1,072 1,183 2,256 80.2 76.7 78.3 82.6	1,056 1,164 2,220 79.0 75.4 77.1 82.8	1,039 1,143 2,182 77.7 74.1 75.8 82.9	1,024 1,126 2,150 76.6 72.9 74.6 83.0	1,012 1,113 2,125 75.8 72.1 73.8 83.1	1,000 1,098 2,097 74.8 71.1 72.8 83.2	987 1,083 2,070 73.8 70.2 71.9 83.3	974 1,068 2,042 72.9 69.2 70.9 83.4	962 1,055 2,018 72.0 68.3 70.0 83.4			
In-migration from the UK Male Female All SMigR: males SMigR: females Migrants input	4,092 4,282 8,374 30.4 30.6	4,114 4,302 8,415 30.6 30.7	4,135 4,313 8,447 30.7 30.8	4,154 4,320 8,474 30.9 30.8	4,173 4,327 8,500 31.0 30.9	4,182 4,323 8,506 31.1 30.9	4,192 4,318 8,510 31.2 30.8	4,197 4,305 8,503 31.2 30.7	4,199 4,296 8,495 31.2 30.7	4,199 4,280 8,479 31.2 30.6	4,198 4,267 8,465 31.2 30.5	4,194 4,258 8,452 31.2 30.4	4,192 4,245 8,437 31.2 30.3	4,192 4,239 8,432 31.2 30.3	4,194 4,239 8,433 31.2 30.3	4,198 4,242 8,439 31.2 30.3	4,201 4,244 8,445 31.2 30.3	4,206 4,253 8,459 31,3 30,4	4,213 4,268 8,481 31.3 30.5	4,221 4,282 8,503 31.4 30.6	4,230 4,297 8,527 31.5 30.7	4,243 4,317 8,560 31.6 30.8	4,258 4,338 8,596 31.7 31.0	4,274 4,360 8,634 31.8 31.1		2011 +83,646 +85,602 +169,247 +624 +611	+4,182 +4,280 +8,462
Out-migration to the UK Male Female All SMigR: males SMigR: females Migrants input	4,224 4,366 8,590 31.4 31.2	4,247 4,389 8,636 31.6 31.3	4,274 4,412 8,686 31.8 31.5	4,297 4,424 8,721 31.9 31.6	4,320 4,421 8,741 32.1 31.5	4,318 4,406 8,725 32.1 31.4	4,322 4,396 8,717 32.1 31.4	4,323 4,373 8,696 32.1 31.2	4,319 4,365 8,684 32.1 31.2	4,319 4,345 8,664 32.1 31.0	4,318 4,336 8,653 32.1 31.0	4,318 4,335 8,653 32.1 31.0	4,308 4,315 8,623 32.0 30.8	4,308 4,305 8,613 32.0 30.7	4,305 4,305 8,609 32.0 30.7	4,304 4,305 8,609 32.0 30.7	4,306 4,305 8,611 32.0 30.7	4,314 4,317 8,631 32.1 30.8	4,319 4,339 8,658 32.1 31.0	4,328 4,360 8,688 32.2 31.1	4,341 4,382 8,723 32.3 31.3	4,356 4,406 8,762 32.4 31.5	4,373 4,431 8,804 32.5 31.6	4,391 4,456 8,848 32.7 31.8		2011 +86,091 +87,115 +173,210 +640 +622	
In-migration from Overseas Male Female All SMigR: males SMigR: females Mgrants input	1,655 1,773 3,428 178.5 192.6	1,637 1,752 3,389 176.6 190.4	1,622 1,730 3,352 175.0 188.0	1,613 1,712 3,325 174.0 186.0	1,603 1,699 3,302 172.9 184.6	1,586 1,681 3,267 171.1 182.7	1,577 1,672 3,249 170.2 181.7	1,571 1,657 3,228 169.5 180.1	1,561 1,654 3,215 168.4 179.7	1,559 1,646 3,206 168.2 179.0	1,558 1,645 3,204 168.2 178.9	1,559 1,651 3,211 168.3 179.5	1,553 1,643 3,196 167.6 178.5	1,553 1,637 3,190 167.6 178.0	1,552 1,638 3,191 167.5 178.1	1,551 1,637 3,188 167.5 177.9	1,550 1,631 3,180 167.3 177.3	1,548 1,628 3,176 167.1 177.0	1,543 1,629 3,173 166.6 177.1	1,542 1,631 3,173 166.4 177.4	1,540 1,631 3,171 166.3 177.3	1,538 1,629 3,167 166.0 177.1	1,534 1,625 3,159 165.6 176.7	1,530 1,622 3,153 165.2 176.4		2011 +31,495 +33,347 +64,842 +3,395 +3,624	+1,667 +3,242 +170
Out-migration to Overseas Male Female All SMgR: males SMgR: females Migrants input	1,567 1,493 3,060 169.0 162.3	1,584 1,508 3,091 170.8 163.8	1,595 1,527 3,122 172.1 165.9	1,608 1,538 3,147 173.5 167.2	1,615 1,538 3,153 174.2 167.1	1,624 1,550 3,174 175.2 168.4	1,633 1,561 3,194 176.2 169.7	1,646 1,579 3,225 177.6 171.6	1,660 1,594 3,254 179.1 173.2	1,674 1,609 3,283 180.6 174.9	1,685 1,623 3,309 181.9 176.5	1,696 1,639 3,335 183.0 178.2	1,708 1,653 3,361 184.3 179.7	1,720 1,668 3,388 185.6 181.3	1,733 1,683 3,416 187.0 183.0	1,746 1,697 3,443 188.4 184.5	1,757 1,709 3,466 189.6 185.8	1,768 1,721 3,490 190.9 187.2	1,778 1,732 3,510 191.9 188.3	1,785 1,739 3,524 192.7 189.1	1,792 1,746 3,539 193.5 189.9	1,800 1,754 3,554 194.3 190.7	1,807 1,762 3,569 195.1 191.5	1,814 1,768 3,582 195.8 192.2		2011 +33,580 +32,363 +65,943 +3,624 +3,517	+1,618
Migration - Net Flows UK Overseas	-215 +368	-221 +298	-239 +230	-247 +178	-241 +149	-219 +93	-207 +55	-193 +4	-189 -39	-185 -77	-188 -105	-201 -124	-186 -165	-182 -197	-176 -226	-170 -255	-167 -285	-172 -314	-177 -338	-185 -351	-195 -367	-203 -387	-208 -409	-214 -429		-3,962 -1,101	-2031 -198 -55
Summary of population char Natural change Net migration Net change	-152 +152 +0	-77 +77 -0	+9 -9 +0	+69 -69 +0	+92 -92 -0	+126 -126 -0	+152 -152 +0	+190 -190 +0	+228 -228 +0	+262 -262 +0	+293 -293 +0	+326 -326 +0	+351 -351 -0	+379 -379 0	+402 -402 +0	+425 -425 -0	+452 -452 -0	+486 -486 -0	+515 -515 -0	+536 -536 +0	+563 -563 -0	+590 -590 -0	+618 -618 -0	+643 -643 -0		+5,063 -5,063	+253 -253 -0
Summary of Popula	ation e	stimat	es/fore	ecasts	6																						
0-4 5-10 11-15 16-17 18-59Female, 64Male 60/65-74 75-84 85+ Total	2011 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2012 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2013 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547	2014 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547	2015 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2016 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2017 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547	2018 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2019 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2020 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2021 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2022 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2023 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2024 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547	2025 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547	2026 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547	2027 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547	2028 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2029 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2030 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2031 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2032 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2033 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2034 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2035 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2011	-2031 0
Population impact of constr- Number of persons	aint +115	-197	-329	-454	-548	-590	-683	-759	-863	-948	-1,024	-1,079	-1,118	-1,199	-1,264	-1,321	-1,379	-1,440	-1,497	-1,545	-1,572	-1,604	-1,644	-1,688	-1,728		
Households Number of Households Change over previous year Number of supply units Change over previous year	119,248 +650 125,129 +682 95.3%	119,398 +150 125,287 +157 95.3%	119,555 +156 125,451 +164 95.3%	119,754 +200 125,660 +209 95.3%	120,035 +281 125,955 +295 95.3%	120,283 +248 126,215 +260 95.3%	120,593 +310 126,469 +254 95.4%	120,951 +358 126,773 +304 95.4%	121,278 +326 127,044 +271 95.5%	121,615 +337 127,325 +282 95.5%	121,949 +334 127,603 +278 95.6%	122,173 +224 127,765 +162 95.6%	122,397 +224 127,927 +162 95.7%	122,631 +235 128,100 +173 95.7%	122,899 +267 128,307 +207 95.8%	123,140 +241 128,487 +179 95.8%	123,369 +229 128,654 +167 95.9%	+184	123,649 +97 128,802 +28 96.0%	123,713 +64 128,868 +66 96.0%	123,755 +42 128,911 +43 96.0%	123,699 -56 128,853 -58 96.0%	123,647 -52 128,799 -55 96.0%	123,647 0 128,799 0 96.0%	123,647 0 128,799 0 96.0%	4,507 3,782	
Labour Force Number of Labour Force Change over previous year Number of supply units Change over previous year	121,311 +111 86,279 -300	121,405 +94 86,061 -218	121,499 +94 86,127 +66	121,593 +94 86,579 +452	121,686 +94 87,032 +453	121,780 +94 87,485 +453	121,874 +94 87,939 +454	121,968 +94 88,393 +454	122,119 +151 88,503 +110	122,270 +151 88,612 +110	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 0 88,612 0	122,270 -0 88,612 -0	95s 2,334	

5a. Local Plan Employment Land Based Scenario

Population Estim				uoio			Sefto	. 0.4	201								SCENARI	o a urui	AI E 2 (18	730 30B	3)					
Components of Pop			9			AllGro	up																			
irths	2011	nning July 2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
lale	1,496	1,569	1,629	1,663	1,687	1,713	1,735	1,758	1,787	1,810	1,830	1,847	1,858	1,862	1,861	1,859	1,857	1,855	1,851	1,848	1,845	1,823	1,804	1,787		
emale I Births	1,425	1,494 3,064	1,551 3,180	1,584 3,248	1,607 3,294	1,631 3,344	1,653 3,388	1,674 3,432	1,702	1,724 3,535	1,743 3,573	1,759 3,605	1,770 3,628	1,773 3,635	1,772 3,633	1,771 3,630	1,768 3,625	1,766 3,621	1,763 3,614	1,760 3,607	1,757	1,736 3,559	1,718 3,522	1,702 3,488		
R rths input	1.96	1.98	1.99	1.98	1.96	1.94	1.93	1.91	1.90	1.89	1.88	1.87	1.86	1.84	1.83	1.82	1.81	1.81	1.80	1.80	1.80	1.80	1.80	1.80		
eaths ale	1,453	1,462	1.470	1.471	1.467	1.470	1,480	1,488	1,495	1.508	1.525	1,540	1.556	1,571	1,591	1.609	1,627	1.642	1,660	1,683	1.704	1,718	1.734	1.751		
male I deaths	1,621	1,623	1,598	1,582	1,590 3.057	1,588	1,586	1,581	1,586	1,591	1,594	1,598	1,608	1,614	1,622	1,635	1,650	1,662	1,674	1,690	1,703	1,714	1,726	1,739		
raeatns AR: males	108.7	3,085 106.4	3,069	3,053 101.6	3,057 98.7	3,058	3,066 94,4	3,070 92.3	90.3	3,099 88.5	3,119 86.9	3,137 85.3	3,163 83.8	3,185 82.3	3,212 81.1	3,243 79.8	3,277 78.6	3,305 77.2	3,334 76.1	3,374 75.3	3,407 74.3	3,432 73.3	3,460 72,4	3,491 71.5		
/IR: females //R: male & female	104.9 106.7	103.3	100.0	97.2 99.3	95.9 97.2	93.9 95.0	91.9 93.1	89.8 91.0	88.1 89.1	86.3 87.3	84.5 85.7	82.7 84.0	81.3 82.5	79.7 81.0	78.2 79.6	76.9 78.3	75.7 77.1	74.4 75.8	73.2 74.6	72.4 73.8	71.3 72.8	70.5 71.9	69.5 70.9	68.6 70.0		
pectation of life	80.4	80.5	80.7	80.9	81.1	81.2	93.1 81.4	81.5	81.7	81.8	81.9	82.1	82.5	82.3	82.4	78.3 82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3		
eaths input																										
-migration from the UK																										2011-203
ale emale	4,336	4,307 4,367	4,211	4,247 4,288	4,289 4,319	4,325 4.345	4,350 4,360	4,451 4,451	4,491	4,517 4,494	4,543 4,509	4,547	4,528 4,479	4,534 4,484	4,548 4,495	4,526 4,473	4,520 4,469	4,501 4,455	4,492 4,451	4,484	4,261	4,279 4,254	4,299 4,280	4,320		+88,746 +88,534
II	8,739	8,673	8,472	8,535	8,608	8,670	8,710	8,902	8,970	9,011	9,052	9,052	9,007	9,018	9,043	8,999	8,989	8,956	8,943	8,930	8,492	8,533	8,579	8,624		+177,279
MigR: males MigR: females	32.2 31.4	31.3 30.6	30.0 29.4	30.0 29.4	29.9 29.5	29.9 29.5	29.8 29.4	30.3 29.9	30.2 29.8	30.1 29.6	29.9 29.4	29.5 29.0	29.1 28.6	28.8 28.3	28.6 28.1	28.1 27.7	27.8 27.4	27.4 27.0	27.1 26.8	26.8 26.5	25.2 25.0	25.3 25.1	25.4 25.2	25.5 25.3		+587 +577
Igrants input		,																								
ut-migration to the UK																										2011-203
lale emale	3,521	3,593 3,762	3,735	3,740 3.885	3,739	3,711	3,698 3,796	3,606 3,678	3,565	3,542 3,594	3,520 3,564	3,521	3,532 3,564	3,533	3,528 3,551	3,559	3,576 3,594	3,612	3,638	3,668	3,912	3,922	3,933 4.010	3,945 4,029		+72,136 +73,619
M/	7,211	7,354	7,630	7,626	7,602	7,532	7,494	7,284	7,202	7,136	7,085	7,085	7,096	7,087	7,079	7,141	7,169	7,244	7,313	7,385	7,885	7,914	7,943	7,973		+145,755
MigR: males MigR: females	26.2 26.3	26.1 26.3	26.6 26.9	26.4 26.7	26.1 26.3	25.7 25.9	25.4 25.6	24.5	24.0	23.6	23.2	22.9	22.7	22.4	22.2	22.1 22.2	22.0	22.0	21.9	21.9	23.1	23.2	23.3 23.6	23.3		+478 +481
figrants input																										
n-migration from Overseas																										2011-203
tale emale	1,131	980 858	764 677	773 684	791 701	807 715	815 722	966 848	1,023	1,058	1,096	1,092	1,031	1,022 894	1,021	943 830	904 797	839 744	812 720	788 699	538 477	538 477	538 477	538 477		+18,658
W.	2,111	1,838	1,441	1,457	1,493	1,523	1,537	1,815	1,919	1,983	2,051	2,044	1,932	1,915	1,914	1,773	1,701	1,583	1,532	1,487	1,015	1,015	1,015	1,015		+35,049
MigR: males MigR: females	122.0 106.5	102.8 90.7	78.4 70.1	78.3 70.1	79.4 71.2	80.3 72.2	80.5 72.5	95.0 84.7	99.7 88.7	102.3 90.8	105.0 93.0	103.6 91.9	97.0 86.2	95.5 84.9	94.6 84.2	86.7 77.5	82.4 73.9	75.8 68.5	72.8 65.8	70.1 63.5	47.5 43.1	47.6 43.2	47.6 43.3	47.6 43.4		+1,802
ligrants input	106.5	90.7	70.1	70.1	/1.2	12.2	72.5	84./	88.7	90.8	93.0	91.9	86.2	84.9	84.2	77.5	/3.9	68.0	60.8	63.5	43.1	43.2	43.3	43.4		+1,607
Out-migration to Overseas																										2011-203
Male	0	0	74	70	54	41	33	0	0	0	0	0	0	0	0	0	0	7	36	62	330	330	330	330		+377
emale W	0	0	56 130	53 123	41 95	32 73	25 58	0	0	0	0	0	0	0	0	0	0	5 13	27 63	47 109	251 580	251 580	251 580	251 580		+286 +663
MigR: males	0.0	0.0	7.6	7.1	5.4	4.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.2	5.5	29.1	29.1	29.2	29.2		+37
MigR: females /igrants input	0.0	0.0	5.8	5.4	4.2	3.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.5	4.3	22.6	22.7	22.8	22.8		+28
Migration - Net Flows																										2011-203
JK	+1,528	+1,319	+842	+909	+1,007	+1,138	+1,217	+1,618	+1,768	+1,875	+1,967	+1,967	+1,911	+1,931	+1,964	+1,858	+1,820	+1,712	+1,630	+1,544	+607	+619	+636	+650		+31,524 +
Overseas	+2,111	+1,838	+1,311	+1,334	+1,397	+1,450	+1,479	+1,815	+1,919	+1,983	+2,051	+2,044	+1,932	+1,915	+1,914	+1,773	+1,701	+1,570	+1,469	+1,378	+435	+435	+435	+435		+34,385 +
Summary of population chan Natural change	ge -152	-21	+112	+195	+237	+287	+322	+362	+407	+436	+455	+468	+465	+450	+421	+386	+347	+317	+280	+234	+195	+127	+62	-2		+6,004
Net migration	+3,638	+3,157	+2,154	+2,243	+2,404	+2,587	+2,696	+3,433	+3,687	+3,857	+4,018	+4,011	+3,843	+3,846	+3,878	+3,631	+3,522	+3,282	+3,099	+2,923	+1,042	+1,054	+1,071	+1,085		+65,910 +
Net change	+3,486	+3,136	+2,265	+2,438	+2,641	+2,874	+3,018	+3,795	+4,094	+4,294	+4,473	+4,479	+4,308	+4,296	+4,299	+4,018	+3,869	+3,599	+3,379	+3,156	+1,237	+1,181	+1,133	+1,083		+71,914 +
Summary of Popula	tion e	stimat	tes/for	ecasts	;																					
	2047	2010	2013	004 *	2015	2016	2017	2018	2019	0000	2021	2022	2023	2024	2025	0000	2027	2028	2029	2030	2031	2032	2033	2034	2035	
4	2011 14,266	2012 14,700	2013 15,185	2014 15,672	2015 16,103	2016 16,539	2017 16,951	2018 17,278	2019 17,578	2020 17,866	2021 18,148	2022 18,412	2023 18,650	2024 18,840	2025 18,976	2026 19,063	2027 19,094	2028 19,086	2029 19,047	2030 18,992	2031 18,933	2032 18,783	2033 18,622	2034 18,457	2035 18,291	
-10 1-15	16,887	17,093	17,393	17,658	17,878	18,349	18,796	19,314	19,915	20,553	21,118	21,687	22,217	22,646	23,012	23,342	23,636	23,888	24,093	24,238	24,311	24,246	24,136	23,992	23,823	
I-15 3-17	15,940 7,087	15,523 6,973	15,004 6,964	14,773 6,710	14,760 6,400	14,724 6,214	14,837 6,035	15,077 5,961	15,353 5,969	15,496 6,231	15,973 6,251	16,392 6,195	16,832 6,410	17,340 6,556	17,913 6,685	18,422 6,890	18,914 7,100	19,367 7,257	19,716 7,489	19,987 7,744	20,228 7,931	20,393 8,016	20,530 8,090	20,641 8,163	20,714 8,227	
8-59Female, 64Male	154,362	156,393	158,096	159,023	160,029	160,933	161,780	162,536	163,837	165,285	166,699	168,399	169,739	171,047	172,447	173,955	175,242	176,598	177,943	179,205	180,602	180,939	181,390	182,039	182,935	
0/65 -74 5-84	38,410 20,472	39,075 20,880	39,586 21,305	40,199 21,523	40,892 21,601	41,473 21,718	42,320 21,741	42,973 22,045	43,567 22,395	44,257 22,674	45,029 23,039	45,121 24,024	45,590 24,776	46,358 25,367	47,247 25,854	48,122 26,284	48,982 26,843	49,873 27,185	50,513 27,579	51,129 28,063	51,590 28,439	51,544 28,423	51,337 28,681	51,032 29,076	50,459 29,638	
5+	7,547 274,971	7,820	8,060	8,300	8,633	8,986	9,351	9,644	10,009	10,354	10,755	11,253	11,750	12,116	12,431	12,786	13,073	13,497	13,970	14,370	14,851	15,779	16,516	17,037	17,431	2011-203 71,914
tai	2/4,9/1	278,457	281,593	283,858	286,296	288,936	291,811	294,828	298,623	302,717	307,010	311,483	315,962	320,270	324,565	328,865	332,882	336,751	340,350	343,729	346,885	348,122	349,303	350,436	351,518	/1,914
opulation impact of constra imber of persons	int +115	+3,289	+2,751	+1,708	+1,764	+1,906	+2,030	+2,089	+2,760	+2,968	+3,096	+3,232	+3,218	+2,995	+2,961	+2,959	+2,677	+2,533	+2,271	+2,069	+1,887					
abour Force																										
	121,311	123,029 ±1.718	124,353	125,121 +768	125,882 +761	126,637	127,386 ±749	128,128 ±742	129,423	130,717	132,011	133,354	134,696	136,039	137,381	138,724	140,067	141,409	142,752	144,094 ±1.343	145,437	145,798	146,236 ±438	146,678	147,169	24,125
nange over previous year umber of supply units	+111	+1,718 87,212	+1,323 88,150	+768 89,091	+761 90,032	+755 90,974	+749 91,916	+742 92,858	+1,294 93,796	+1,294	+1,294 95,672	+1,343 96,645	+1,343 97,618	+1,343	+1,343 99,564	+1,343	+1,343	+1,343	+1,343	+1,343	+1,343	+361 105,664	+438 105,981	+442 106,302	+491 106,657	19,123
ange over previous year	-300	+933	+938	+941	+941	+942	+942	+942	+938	+938	+938	+973	+973	+973	+973	+973	+973	+973	+973	+973	+973	+262	+317	+320	+356	
nuseholds mher of Households	119.248	121.000	122.648	124 057	125 619	127.235	128 892	130 623	132 600	134 692	136 860	139 098	141 288	143 463	145 672	147 906	150 025	152 087	154.094	155 937	157.697	158 689	159.637	160.574	161 468	38.449
ange over previous year	+650	+1,752	+1,648	+1,409	+1,561	+1,616	+1,657	+1,731	+1,977	+2,092	+2,168	+2,238	+2,190	+2,175	+2,209	+2,234	+2,119	+2,062	+2,007	+1,844	+1,760	+991	+948	+937	+894	
imber of supply units nange over previous year	125,129	126,968	128,697	130,176	131,814	133,510	135,249 ±1.739	137,065	139,140	141,335 ±2.195	143,610	145,958	148,256	150,538	152,856	155,200	157,424	159,588	161,693 ±2.106	163,628 ±1.935	165,475	166,515 ±1,040	167,510 ±995	168,493	169,431 4938	40,345
range ever previous year	+002	+1,009	+1,729	+1,479	+1,008	+1,000	+1,709	+1,010	+2,010	+2,100	+2,210	+2,346	+2,200	+2,202	+2,018	+2,040	+2,224	+2,103	+2,100	+1,000	+1,04/	+1,040	+000	+203	+930	

**5b. Local Plan Employment Land Based Scenario: Vacancy Sensitivity** 

P16 2847004v5

Population Estin	nates	and	Forec	asts			Sefto	n ON	S 201	0 POI	P					5	SCENARI	IO 5 AME	NDED 2 (	18750 JC	BS) VAC	ANCY SE	NSITIVIT	Υ			
Components of Po	pulatio	n Cha	inge			AllGro	up																				
- 1	ear begir 2011	nning Julj 2012	1st 2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034			
Births Male Female All Births TFR Births input	1,496 1,425 2,921 1.96	1,569 1,494 3,064 1.98	1,629 1,551 3,180 1.99	1,663 1,584 3,248 1.98	1,687 1,607 3,294 1.96	1,713 1,631 3,344 1.94	1,735 1,653 3,388 1.93	1,758 1,674 3,432 1.91	1,787 1,702 3,488 1.90	1,810 1,724 3,535 1.89	1,830 1,743 3,573 1.88	1,847 1,759 3,605 1.87	1,858 1,770 3,628 1.86	1,862 1,773 3,635 1.84	1,861 1,772 3,633 1.83	1,859 1,771 3,630 1.82	1,857 1,768 3,625 1.81	1,855 1,766 3,621 1.81	1,851 1,763 3,614 1.80	1,848 1,760 3,607 1.80	1,845 1,757 3,603 1.80	1,823 1,736 3,559 1.80	1,804 1,718 3,522 1.80	1,787 1,702 3,488 1.80			
Deaths Male Female All deaths SMM: males SMM: (emales SMM: females SMM: of life Deaths input	1,453 1,621 3,074 108.7 104.9 106.7 80.4	1,462 1,623 3,085 106.4 103.3 104.7 80.5	1,470 1,598 3,069 104.2 100.0 101.9 80.7	1,471 1,582 3,053 101.6 97.2 99.3 80.9	1,467 1,590 3,057 98.7 95.9 97.2 81.1	1,470 1,588 3,058 96.3 93.9 95.0 81.2	1,480 1,586 3,066 94.4 91.9 93.1 81.4	1,488 1,581 3,070 92.3 89.8 91.0 81.5	1,495 1,586 3,082 90.3 88.1 89.1 81.7	1,508 1,591 3,099 88.5 86.3 87.3 81.8	1,525 1,594 3,119 86.9 84.5 85.7 81.9	1,540 1,598 3,137 85.3 82.7 84.0 82.1	1,556 1,608 3,163 83.8 81.3 82.5 82.2	1,571 1,614 3,185 82.3 79.7 81.0 82.3	1,591 1,622 3,212 81.1 78.2 79.6 82.4	1,609 1,635 3,243 79.8 76.9 78.3 82.5	1,627 1,650 3,277 78.6 75.7 77.1 82.6	1,642 1,662 3,305 77.2 74.4 75.8 82.7	1,660 1,674 3,334 76.1 73.2 74.6 82.8	1,683 1,690 3,374 75.3 72.4 73.8 82.9	1,704 1,703 3,407 74.3 71.3 72.8 83.0	1,718 1,714 3,432 73.3 70.5 71.9 83.1	1,734 1,726 3,460 72.4 69.5 70.9 83.2	1,751 1,739 3,491 71.5 68.6 70.0 83.3			
In-migration from the UK Male Female All SMigR: males SMigR: females Migrants input	4,336 4,403 8,739 32.2 31.4	4,307 4,367 8,673 31.3 30.6	4,211 4,262 8,472 30.0 29.4	4,247 4,288 8,535 30.0 29.4	4,289 4,319 8,608 29.9 29.5	4,325 4,345 8,670 29.9 29.5	4,350 4,360 8,710 29.8 29.4	4,451 4,451 8,902 30.3 29.9	4,491 4,479 8,970 30.2 29.8	4,517 4,494 9,011 30.1 29.6	4,543 4,509 9,052 29.9 29.4	4,547 4,505 9,052 29.5 29.0	4,528 4,479 9,007 29.1 28.6	4,534 4,484 9,018 28.8 28.3	4,548 4,495 9,043 28.6 28.1	4,526 4,473 8,999 28.1 27.7	4,520 4,469 8,989 27.8 27.4	4,501 4,455 8,956 27,4 27.0	4,492 4,451 8,943 27.1 26.8	4,484 4,446 8,930 26.8 26.5	4,261 4,230 8,492 25.2 25.0	4,279 4,254 8,533 25.3 25.1	4,299 4,280 8,579 25.4 25.2	4,320 4,304 8,624 25.5 25.3		+88, +88, +177,	34 +4,42 79 +8,86
Out-migration to the UK Male Female All SMigR: males SMigR: females Migrants input	3,521 3,690 7,211 26.2 26.3	3,593 3,762 7,354 26.1 26.3	3,735 3,895 7,630 26.6 26.9	3,740 3,885 7,626 26.4 26.7	3,739 3,863 7,602 26.1 26.3	3,711 3,821 7,532 25.7 25.9	3,698 3,796 7,494 25.4 25.6	3,606 3,678 7,284 24,5 24,7	3,565 3,637 7,202 24.0 24.2	3,542 3,594 7,136 23.6 23.7	3,520 3,564 7,085 23.2 23.3	3,521 3,564 7,085 22.9 23.0	3,532 3,564 7,096 22.7 22.7	3,533 3,554 7,087 22.4 22.4	3,528 3,551 7,079 22.2 22.2	3,559 3,582 7,141 22.1 22.2	3,576 3,594 7,169 22.0 22.0	3,612 3,632 7,244 22.0 22.0	3,638 3,675 7,313 21,9 22,1	3,668 3,717 7,385 21.9 22.1	3,912 3,973 7,885 23.1 23.5	3,922 3,992 7,914 23.2 23.6	3,933 4,010 7,943 23.3 23.6	3,945 4,029 7,973 23.3 23.7		+72, +73, +145,	19 +3,68 55 +7,28 78 +2
In-migration from Overseas Male Female All SMigR: males SMigR: females Migrants input	1,131 980 2,111 122.0 106.5	980 858 1,838 102.8 90.7	764 677 1,441 78.4 70.1	773 684 1,457 78.3 70.1	791 701 1,493 79.4 71.2	807 715 1,523 80.3 72.2	815 722 1,537 80.5 72.5	966 848 1,815 95.0 84.7	1,023 895 1,919 99.7 88.7	1,058 924 1,983 102.3 90.8	1,096 955 2,051 105.0 93.0	1,092 952 2,044 103.6 91.9	1,031 901 1,932 97.0 86.2	1,022 894 1,915 95.5 84.9	1,021 893 1,914 94.6 84.2	943 830 1,773 86.7 77.5	904 797 1,701 82.4 73.9	839 744 1,583 75.8 68.5	812 720 1,532 72.8 65.8	788 699 1,487 70.1 63.5	538 477 1,015 47.5 43.1	538 477 1,015 47.6 43.2	538 477 1,015 47.6 43.3	538 477 1,015 47.6 43.4		2 +18) +16; +35) +1) +1)	90 +82 49 +1,75 02 +9
Out-migration to Overseas Male Female All SMigR: males SMigR: females Migrants input	0 0 0 0.0	0 0 0.0 0.0	74 56 130 7.6 5.8	70 53 123 7.1 5.4	54 41 95 5.4 4.2	41 32 73 4.1 3.2	33 25 58 3.3 2.5	0 0 0 0.0	0 0 0 0.0	0 0 0 0.0	0 0 0 0.0	0 0 0 0.0	0 0 0 0.0	0 0 0 0.0 0.0	0 0 0 0.0	0 0 0 0.0 0.0	0 0 0 0.0	7 5 13 0.7 0.5	36 27 63 3.2 2.5	62 47 109 5.5 4.3	330 251 580 29.1 22.6	330 251 580 29.1 22.7	330 251 580 29.2 22.8	330 251 580 29.2 22.8		41 41 41	11-2031 77 +1 86 +1 63 +3 37 + 28 +
Migration - Net Flows UK Overseas	+1,528 +2,111	+1,319	+842 +1,311	+909 +1,334	+1,007 +1,397	+1,138 +1,450	+1,217 +1,479	+1,618 +1,815	+1,768	+1,875 +1,983	+1,967 +2,051	+1,967 +2,044	+1,911 +1,932	+1,931 +1,915	+1,964 +1,914	+1,858 +1,773	+1,820 +1,701	+1,712 +1,570	+1,630 +1,469	+1,544 +1,378	+607 +435	+619 +435	+636 +435	+650 +435			11-2031 24 +1,57 85 +1,71
Summary of population char Natural change Net migration Net change	-152 +3,638 +3,486	-21 +3,157 +3,136	+112 +2,154 +2,265	+195 +2,243 +2,438	+237 +2,404 +2,641	+287 +2,587 +2,874	+322 +2,696 +3,018	+362 +3,433 +3,795	+407 +3,687 +4,094	+436 +3,857 +4,294	+455 +4,018 +4,473	+468 +4,011 +4,479	+465 +3,843 +4,308	+450 +3,846 +4,296	+421 +3,878 +4,299	+386 +3,631 +4,018	+347 +3,522 +3,869	+317 +3,282 +3,599	+280 +3,099 +3,379	+234 +2,923 +3,156	+195 +1,042 +1,237	+127 +1,054 +1,181	+62 +1,071 +1,133	-2 +1,085 +1,083		+6; +65; +71;	10 +3,29
Summary of Popula	ition e	stima	tes/for	ecasts	<b>;</b>																						
0-4 5-10 11-15 18-17 18-59Female, 64Male 60/65-74 75-84 85+ Total	2011 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2012 14,700 17,093 15,523 6,973 156,393 39,075 20,880 7,820	2013 15,185 17,393 15,004 6,964 158,096 39,586 21,305 8,060	2014 15,672 17,658 14,773 6,710 159,023 40,199 21,523 8,300 283,858	2015 16,103 17,878 14,760 6,400 160,029 40,892 21,601 8,633	2016 16,539 18,349 14,724 6,214 160,933 41,473 21,718 8,986	2017 16,951 18,796 14,837 6,035 161,780 42,320 21,741 9,351	2018 17,278 19,314 15,077 5,961 162,536 42,973 22,045 9,644	2019 17,578 19,915 15,353 5,969 163,837 43,567 22,395 10,009	2020 17,866 20,553 15,496 6,231 165,285 44,257 22,674 10,354	2021 18,148 21,118 15,973 6,251 166,699 45,029 23,039 10,755	2022 18,412 21,687 16,392 6,195 168,399 45,121 24,024 11,253	2023 18,650 22,217 16,832 6,410 169,739 45,590 24,776 11,750	2024 18,840 22,646 17,340 6,556 171,047 46,358 25,367 12,116	2025 18,976 23,012 17,913 6,685 172,447 47,247 25,854 12,431 324,565	2026 19,063 23,342 18,422 6,890 173,955 48,122 26,284 12,786 328,865	2027 19,094 23,636 18,914 7,100 175,242 48,982 26,843 13,073	2028 19,086 23,888 19,367 7,257 176,598 49,873 27,185 13,497	2029 19,047 24,093 19,716 7,489 177,943 50,513 27,579 13,970	2030 18,992 24,238 19,987 7,744 179,205 51,129 28,063 14,370 343,729	2031 18,933 24,311 20,228 7,931 180,602 51,590 28,439 14,851 346,885	2032 18,783 24,246 20,393 8,016 180,939 51,544 28,423 15,779	2033 18,622 24,136 20,530 8,090 181,390 51,337 28,681 16,516 349,303	2034 18,457 23,992 20,641 8,163 182,039 51,032 29,076 17,037	2035 18.291 23.823 20,714 8.227 182,935 50,459 29,638 17,431 351,518		11-2031 14 3,59
Population impact of constru																											
Number of persons  Labour Force	+115	+3,289	+2,751	+1,708	+1,764	+1,906	+2,030	+2,089	+2,760	+2,968	+3,096	+3,232	+3,218	+2,995	+2,961	+2,959	+2,677	+2,533	+2,271	+2,069	+1,887						
Number of Labour Force Change over previous year Number of supply units Change over previous year	121,311 +111 86,279 -300	123,029 +1,718 87,212 +933	124,353 +1,323 88,150 +938	125,121 +768 89,091 +941	125,882 +761 90,032 +941	126,637 +755 90,974 +942	127,386 +749 91,916 +942	128,128 +742 92,858 +942	129,423 +1,294 93,796 +938	130,717 +1,294 94,734 +938	132,011 +1,294 95,672 +938	133,354 +1,343 96,645 +973	134,696 +1,343 97,618 +973	136,039 +1,343 98,591 +973	137,381 +1,343 99,564 +973	138,724 +1,343 100,537 +973	140,067 +1,343 101,510 +973	141,409 +1,343 102,483 +973	142,752 +1,343 103,456 +973	144,094 +1,343 104,429 +973	145,437 +1,343 105,402 +973	145,798 +361 105,664 +262	146,236 +438 105,981 +317	146,678 +442 106,302 +320	147,169 +491 106,657 +356	24, 19,	25 1,20 23 95
Households Number of Households Change over previous year Number of supply units Change over previous year	119,248 +650 125,129 +682	121,000 +1,752 126,968 +1,839	122,648 +1,648 128,697 +1,729	124,057 +1,409 130,176 +1,479	125,619 +1,561 131,814 +1,638	127,235 +1,616 133,510 +1,696	128,892 +1,657 135,173 +1,663	130,623 +1,731 136,910 +1,738	132,600 +1,977 138,904 +1,994	+2,092	136,860 +2,168 143,205 +2,189	139,098 +2,238 145,465 +2,260	141,288 +2,190 147,672 +2,207	143,463 +2,175 149,860 +2,189	145,672 +2,209 152,082 +2,222	+2,234	+2,119	152,087 +2,062 158,513 +2,061	154,094 +2,007 160,514 +2,001	155,937 +1,844 162,435 +1,920	157,697 +1,760 164,268 +1,833	158,689 +991 165,301 +1,033	159,637 +948 166,289 +988	160,574 +937 167,265 +976	161,468 +894 168,196 +931		49 1,92 39 1,95

### 6a. Limited Green Belt Release

Population Esti	nates	and I	Forec	asts			Sefto	n ON	S 201	0 POI	•							SCENARI	10 6 UPD	ATED							
Components of Po	pulatio	n Cha	inge			AllGro	up																				
-	Year begin	nning July 2012	1st 2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034			
Births Male Female All Births TFR Births input	1,496 1,425 2,921 1.96	1,511 1,439 2,950 1.98	1,518 1,446 2,963 1.98	1,511 1,439 2,951 1.97	1,492 1,421 2,912 1.95	1,475 1,405 2,880 1.94	1,456 1,387 2,843 1,92	1,439 1,370 2,809 1,91	1,421 1,354 2,775 1.89	1,399 1,333 2,732 1.88	1,375 1,310 2,685 1.87	1,351 1,287 2,638 1.85	1,328 1,265 2,592 1.84	1,303 1,241 2,544 1.83	1,278 1,217 2,496 1,82	1,256 1,196 2,451 1.81	1,237 1,179 2,416 1.80	1,225 1,166 2,391 1.80	1,214 1,156 2,370 1.79	1,209 1,152 2,361 1.79	1,208 1,151 2,359 1.79	1,215 1,157 2,372 1.79	1,225 1,167 2,392 1.79	1,236 1,177 2,414 1.79			
Deaths Male Female All deaths SMR: males SMR: females SMR: female Expectation of life Deaths input	1,453 1,621 3,074 108.7 104.9 106.7 80.4	1,453 1,615 3,068 106.4 103.3 104.7 80.5	1,455 1,583 3,038 104.2 100.0 101.9 80.7	1,450 1,563 3,012 101.5 97.2 99.3 80.9	1,440 1,565 3,005 98.7 95.9 97.2 81.1	1,436 1,558 2,994 96.2 93.9 95.0 81.2	1,441 1,551 2,991 94.4 91.9 93.1 81.4	1,442 1,541 2,984 92.3 89.9 91.0 81.5	1,442 1,540 2,982 90.2 88.2 89.1 81.7	1,446 1,538 2,984 88.4 86.4 87.3 81.8	1,454 1,535 2,989 86.8 84.6 85.7 81.9	1,460 1,531 2,991 85.2 82.8 84.0 82.1	1,467 1,534 3,002 83.7 81.4 82.5 82.2	1,474 1,534 3,008 82.2 79.8 81.0 82.3	1,484 1,536 3,020 80.9 78.3 79.6 82.4	1,493 1,542 3,034 79.7 77.1 78.3 82.5	1,502 1,551 3,053 78.4 75.8 77.1 82.6	1,508 1,556 3,065 77.1 74.5 75.8 82.7	1,517 1,562 3,079 76.0 73.4 74.6 82.8	1,531 1,573 3,104 75.1 72.5 73.8 82.9	1,544 1,579 3,123 74.2 71.5 72.8 83.0	1,553 1,589 3,142 73.2 70.6 71.9 83.1	1,564 1,599 3,163 72.3 69.6 70.9 83.2	1,576 1,610 3,186 71.4 68.8 70.0 83.3			
In-migration from the UK Male Female All SMigR: males SMigR: females Migrants input	3,811 3,870 7,681 28.3 27.6	3,847 3,900 7,747 28.7 28.0	3,862 3,909 7,771 28.9 28.3	3,865 3,902 7,767 29.1 28.5	3,905 3,933 7,838 29.6 29.1	3,942 3,959 7,901 30.1 29.6	3,966 3,975 7,942 30.5 30.0	3,992 3,992 7,984 31.0 30.5	4,008 3,997 8,004 31.4 30.8	4,021 4,000 8,021 31.8 31.1	4,037 4,008 8,044 32.1 31.4	4,065 4,028 8,093 32.6 31.7	4,068 4,025 8,094 32.8 31.9	4,078 4,033 8,111 33.0 32.1	4,091 4,043 8,134 33.3 32.3	4,108 4,060 8,169 33.5 32.5	4,133 4,087 8,220 33.8 32.8	4,139 4,096 8,234 33.8 32.9	4,177 4,139 8,317 34.2 33.2	4,195 4,159 8,354 34.3 33.3	4,261 4,230 8,492 34.7 33.8	4,279 4,254 8,533 34.7 33.8	4,299 4,280 8,579 34.7 33.8	4,320 4,304 8,624 34.7 33.8		201 +80,31 +80,11 +160,42 +63 +61	+4,006 +8,021 +32
Out-migration to the UK Male Female All SMigR: males SMigR: females Migrants input	4,037 4,232 8,269 30.0 30.2	4,045 4,235 8,281 30.2 30.4	4,078 4,253 8,331 30.5 30.8	4,117 4,276 8,393 31.0 31.3	4,118 4,254 8,372 31.2 31.4	4,090 4,212 8,302 31.2 31.5	4,077 4,186 8,262 31.4 31.6	4,060 4,141 8,201 31.5 31.6	4,043 4,125 8,168 31.7 31.8	4,033 4,093 8,126 31.9 31.8	4,021 4,071 8,092 32.0 31.9	3,997 4,046 8,044 32.0 31.9	3,986 4,023 8,009 32.1 31.9	3,986 4,008 7,994 32.3 31.9	3,981 4,007 7,988 32.4 32.0	3,973 3,998 7,971 32.4 32.0	3,959 3,979 7,938 32,4 32.0	3,971 3,994 7,966 32.5 32.1	3,950 3,990 7,939 32,3 32,0	3,954 4,006 7,960 32.3 32.1	3,912 3,973 7,885 31.9 31.7	3,922 3,992 7,914 31.8 31.7	3,933 4,010 7,943 31.7 31.7	3,945 4,029 7,973 31.7 31.7		201 +80,47 +82,13 +162,60 +63	+4,107 +8,130 +32
In-migration from Oversea: Male Female AU SMigR: males SMigR: females Migrants input	410 363 774 44.3 39.5	410 363 774 44.3 39.6	392 348 740 42.5 38.1	365 324 689 39.9 35.8	383 339 722 42.2 38.0	400 354 754 44.5 40.2	408 361 769 45.9 41.5	417 370 787 47.6 43.1	419 372 791 48.3 43.9	423 375 799 49.4 44.9	433 383 816 51.1 46.5	457 405 861 54.5 49.6	451 400 851 54.4 49.5	450 399 849 54.8 49.8	448 397 846 55.0 50.0	453 401 854 55.9 50.8	466 413 879 57.8 52.6	457 405 861 56.7 51.6	480 426 906 59.7 54.4	483 428 912 59.9 54.7	538 477 1,015 66.5 60.8	538 477 1,015 66.1 60.5	538 477 1,015 65.6 60.1	538 477 1,015 65.2 59.7		201 +8,60 +7,62 +16,23 +1,00 +91	+381 +812 +50
Out-migration to Overseas Male Female AU SMigR: males SMigR: females Migrants input	445 334 779 48.0 36.3	449 339 788 48.6 37.0	473 358 831 51.3 39.2	506 384 890 55.2 42.4	492 374 866 54.2 41.9	478 364 842 53.2 41.3	469 357 827 52.8 41.1	459 349 808 52.3 40.7	457 348 805 52.7 41.1	452 344 797 52.8 41.2	443 337 780 52.3 40.9	417 317 734 49.8 38.9	423 322 745 51.0 39.9	424 323 747 51.6 40.3	426 324 750 52.2 40.8	421 320 741 51.9 40.6	407 309 716 50.4 39.4	417 317 734 51.7 40.5	391 298 689 48.6 38.1	388 296 684 48.1 37.8	330 251 580 40.7 32.0	330 251 580 40.5 31.8	330 251 580 40.2 31.6	330 251 580 39.9 31.4		201 +8,83 +6,71 +15,55 +1,02 +79	+336 +778 +51
Migration - Net Flows UK Overseas	-589 -5	-533 -15	-560 -91	-626 -201	-534 -144	-401 -88	-321 -58	-217 -21	-164 -14	-106 +2	-48 +36	+50 +127	+84 +106	+117 +102	+146 +96	+198 +113	+282 +163	+269 +127	+377 +217	+394 +228	+607 +435	+619 +435	+636 +435	+650 +435		-2,18 +67	
Summary of population cha Natural change Net migration Net change	-152 -594 -746	-118 -548 -666	-75 -651 -725	-62 -827 -889	-92 -678 -771	-114 -489 -604	-148 -379 -527	-175 -238 -413	-207 -178 -385	-252 -104 -355	-303 -11 -315	-354 +176 -177	-409 +190 -219	-464 +218 -245	-524 +242 -282	-583 +311 -273	-637 +445 -191	-674 +396 -278	-709 +594 -115	-743 +622 -121	-764 +1,042 +277	-770 +1,054 +284	-772 +1,071 +299	-773 +1,085 +312		-6,79 -1,50 -8,29	-75
Summary of Popul	ation e	stimat	es/for	ecasts	6																						
0-4 5-10 11-15 16-17 18-59Female, 64Male 60/65-74 75-84 85+ Total	2011 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547	2012 14,456 16,909 15,388 6,894 153,097 38,883 20,817 7,782	2013 14,653 17,035 14,754 6,834 151,896 39,216 21,184 7,987	2014 14,841 17,148 14,432 6,551 150,613 39,691 21,355 8,200	2015 14,913 17,190 14,313 6,212 149,204 40,229 21,379 8,504	2016 14,944 17,459 14,172 5,991 147,694 40,649 21,438 8,826	2017 14,906 17,691 14,174 5,773 146,143 41,319 21,404 9,160	2018 14,806 17,919 14,294 5,656 144,511 41,790 21,645 9,422	2019 14,662 18,136 14,418 5,613 142,966 42,168 21,919 9,747 269,630	2020 14,496 18,331 14,396 5,809 141,421 42,625 22,117 10,050	2021 14,322 18,399 14,672 5,774 139,775 43,156 22,387 10,404 268,890	2022 14,135 18,421 14,878 5,671 138,355 43,025 23,243 10,848 268,576	2023 13,946 18,368 15,097 5,814 136,753 43,257 23,872 11,290 268,398	2024 13,741 18,249 15,317 5,889 135,261 43,770 24,350 11,603	2025 13,519 18,082 15,537 5,939 133,881 44,390 24,722 11,864 267,934	2026 13,289 17,883 15,649 6,055 132,599 44,986 25,030 12,159 267,652	2027 13,062 17,675 15,708 6,178 131,339 45,568 25,457 12,393	2028 12,852 17,453 15,692 6,255 130,324 46,179 25,674 12,760	2029 12,658 17,219 15,604 6,340 129,427 46,548 25,939 13,175	2030 12,502 16,979 15,475 6,392 128,741 46,889 26,293 13,523	2031 12,385 16,725 15,324 6,402 128,269 47,072 26,553 13,943	2032 12,331 16,489 15,179 6,372 128,411 46,870 26,483 14,815	2033 12,319 16,265 15,020 6,319 128,643 46,496 26,667 15,505	2034 12,344 16,065 14,851 6,263 129,033 46,011 26,976 15,990	2035 12,406 15,895 14,671 6,204 129,618 45,260 27,441 16,351 267,846	201	I-2031 8 -415
Population impact of const				,	,,	,		.,	. ,					,			. ,	. ,						,,			
Number of persons	+115	-943	-954	-1,096	-1,307	-1,176	-1,046	-986	-911	-897	-865	-797	-616	-658	-666	-678	-644	-543	-616	-436	-414						
Households Number of Households Change over previous year Number of supply units Change over previous year	119,248 +650 125,129 +682	119,549 +301 125,445 +316	119,850 +301 125,761 +316	120,152 +302 126,077 +316	120,454 +302 126,395 +317	120,756 +302 126,711 +317	121,057 +301 127,027 +315	121,357 +300 127,342 +315	121,657 +300 127,657 +315	121,958 +300 127,972 +315	122,258 +300 128,287 +315	122,558 +300 128,602 +315	122,858 +300 128,917 +314	123,157 +300 129,231 +315	123,457 +300 129,546 +315	123,757 +300 129,861 +315	124,057 +300 130,175 +315	124,357 +300 130,490 +314	124,657 +300 130,804 +315	124,956 +299 131,118 +314	125,255 +299 131,432 +314	125,655 +400 131,852 +420	126,053 +398 132,269 +417	126,468 +415 132,705 +436	126,877 +409 133,134 +429	6,30	
Labour Force Number of Labour Force Change over previous year Number of supply units Change over previous year	121,311 +111 86,279 -300	120,522 -790 85,434 -844	119,613 -909 84,790 -644	118,669 -944 84,497 -293	117,559 -1,109 84,080 -417	116,437 -1,123 83,646 -434	115,312 -1,125 83,204 -442	114,187 -1,125 82,754 -450	113,257 -930 82,080 -674	112,222 -1,035 81,330 -750	111,133 -1,089 80,541 -789	110,057 -1,076 79,761 -780	109,099 -957 79,067 -694	108,242 -857 78,446 -621	107,411 -831 77,844 -602	106,579 -832 77,240 -603	105,924 -655 76,766 -475	105,381 -543 76,372 -394	104,912 -468 76,033 -340	104,645 -268 75,839 -194	104,476 -168 75,717 -122	104,643 +166 75,837 +120	104,870 +227 76,002 +165	105,096 +226 76,166 +164	105,353 +257 76,352 +186	-16,83 -10,56	

7a. Constant labour supply

P18 2847004v5

### Population Estimates and Forecasts Sefton ONS 2010 POP

i opulation Lati	mates	and i	Olec	asis			Jeno	0140	5 20 1	0 1 01																
Components of P	opulatio					AllGro	up																			
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
Births Male	1,496	1,529	1,558	1,573	1.580	1,589	1.595	1,602	1,604	1.602	1.599	1.592	1.582	1.567	1,549	1.532	1,514	1,499	1,483	1,468	1,455	1,442	1,439	1,437		
Female	1,425	1,457	1,483	1,499	1,504	1,513	1,519	1,526	1,528	1,526	1,522	1,516	1,507	1,492	1,475	1,459	1,442	1,428	1,412	1,398	1,386	1,374	1,370	1,369		
All Births TFR	2,921	2,986 1.98	3,041	3,072 1.98	3,084 1.96	3,101 1,94	3,114	3,128 1.91	3,132 1.90	3,129 1.89	3,121	3,108 1.86	3,090	3,059	3,024	2,991	2,956 1.81	2,927	2,895 1.80	2,867 1.79	2,841	2,816 1,79	2,809 1.79	2,806 1.79		
Births input	1.96	1.98	1.98	1.98	1.96	1.94	1.92	1.91	1.90	1.89	1.87	1.86	1.85	1.84	1.83	1.81	1.81	1.80	1.80	1.79	1./9	1./9	1.79	1./9		
Deaths Male	1.453	1.456	1.460	1.458	1.452	1.452	1.460	1.466	1.468	1.476	1.488	1.498	1.509	1.520	1.533	1.546	1.558	1.568	1.580	1.597	1.612	1.622	1.635	1.649		
Female	1,621	1,618	1,589	1,571	1,577	1,572	1,568	1,562	1,563	1,564	1,564	1,563	1,569	1,571	1,575	1,584	1,596	1,603	1,610	1,622	1,630	1,640	1,651	1,663		
All deaths SMR: males	3,074 108.7	3,074 106.4	3,049 104.2	3,029 101.6	3,028 98.7	3,024 96.2	3,029 94.4	3,028 92.3	3,031 90.2	3,040 88.4	3,052 86.9	3,062 85.2	3,078 83.7	3,091 82.3	3,109 81.0	3,130 79.7	3,154 78.5	3,171 77.2	3,190 76.0	3,219 75.2	3,242 74.3	3,262 73.2	3,286 72.3	3,313 71.4		
SMR: females	104.9	103.3	100.0	97.2	95.9	93.9	91.9	89.8	88.1	86.3	84.5	82.8	81.4	79.7	78.3	77.0	75.8	74.4	73.3	72.5	71.4	70.5	69.6	68.7		
SMR: male & female	106.7	104.7	101.9	99.3	97.2	95.0	93.1	91.0	89.1	87.3	85.7	84.0	82.5	81.0	79.6	78.3	77.1	75.8	74.6	73.8	72.8	71.9	70.9	70.0		
Expectation of life Deaths input	80.4	80.5	80.7	80.9	81.1	81.2	81.4	81.5	81.7	81.8	81.9	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3		
In-migration from the UK																										2011-2031
Male Female	3,976 4,038	4,035 4,091	4,056 4,105	4,093 4,132	4,136 4,165	4,172 4,191	4,198 4,208	4,182 4,182	4,222 4,210	4,247 4,226	4,262 4,231	4,265 4,226	4,247 4,202	4,252 4,205	4,266 4,216	4,244 4,195	4,243 4,196	4,230 4,186	4,223 4,184	4,217 4,181	4,208 4,178	4,279 4,254	4,299 4,280	4,320 4,304		+83,766 +4,188 +83,569 +4,178
All	8,014	8,126	8,162	8,225	8,300	8,363	8,406	8,363	8,432	8,473	8,492	8,492	8,448	8,457	8,482	8,439	8,439	8,416	8,407	8,398	8,386	8,533	8,579	8,624		+167,335 +8,367
SMigR: males SMigR: females	29.5 28.8	29.8 29.2	29.8	30.0 29.4	30.2 29.7	30.3 29.9	30.5	30.3 29.8	30.6 30.1	30.7	30.8	30.7 30.1	30.5 29.8	30.5 29.8	30.5 29.9	30.3 29.6	30.2 29.6	30.0 29.5	30.0 29.4	29.9 29.3	29.8 29.2	30.3 29.7	30.3 29.8	30.4 29.9		+605 +30 +593 +30
Migrants input	20.0	292	29.2	29.4	29.7	25.5	30.0	29.0	30.1	30.2	30.2	30.1	25.0	29.0	20.0	25.0	25.0	20.0	25.4	25.3	292	29.7	29.0	29.9		+353 +30
Out-migration to the UK Male	3.875	3.860	3.887	3.892	3.890	3.862	3.848	3.872	3.831	3.809	3.798	3.799	3.810	3.813	3.808	3.838	3,850	3.881	3.905	3.932	3.964	3.922	3.933	3.945		2011-2031 +77.061 +3.853
Female	4,061	4,042	4,053	4,043	4,019	3,977	3,951	3,949	3,909	3,865	3,846	3,846	3,845	3,835	3,832	3,863	3,869	3,903	3,944	3,984	4,026	3,992	4,010	4,029		+78,638 +3,932
All SMigR: males	7,936 28.8	7,902 28.5	7,941 28.6	7,935 28.5	7,910 28.4	7,839 28.1	7,799 27.9	7,822 28.0	7,740 27.7	7,675 27.6	7,644 27.4	7,645 27.4	7,655 27.4	7,648 27.3	7,640 27.3	7,701 27.4	7,719 27.4	7,784 27.6	7,849 27.7	7,916 27.9	7,990 28.1	7,914 27.8	7,943 27.8	7,973 27.7		+155,699 +7,785 +557 +28
SMigR: frailes SMigR: females Migrants input	29.0	28.8	28.9	28.8	28.6	28.3	28.2	28.2	27.9	27.6	27.4	27.4	27.3	27.2	27.1	27.3	27.3	27.5	27.7	27.9	28.2	27.9	27.9	28.0		+558 +28
In-migration from Oversea	as 587	611	600	609	628	645	653	619	646	663	670	668	639	633	633	596	582	553	528	507	482	538	538	538		2011-2031 +12.270 +614
Female	520	541	531	539	556	571	579	548	573	588	594	592	566	561	561	528	516	490	468	449	482 428	477	477	477		+12,270 +514
All	1,107	1,152	1,130	1,148	1,185	1,216	1,233	1,167	1,219	1,251	1,264	1,259	1,205	1,195	1,194	1,125	1,098	1,042	997	956	910	1,015	1,015	1,015		+23,141 +1,157
SMigR: males SMigR: females	63.3 56.5	65.4 58.4	63.7 57.0	64.4 57.7	66.2 59.6	67.9 61.2	68.7 62.1	65.1 58.8	68.2 61.7	70.2 63.5	71.0 64.3	70.9 64.2	68.0 61.5	67.5 61.1	67.6 61.1	63.7 57.6	62.2 56.4	59.0 53.6	56.4 51.3	54.1 49.2	51.5 46.9	57.5 52.5	57.3 52.3	57.1 52.2		+1,304 +65 +1,177 +59
Migrants input																										
Out-migration to Oversea Male	254	234	251	246	229	215	206	243	214	196	188	191	222	228	228	267	282	314	340	363	389	330	330	330		2011-2031 +4,912 +246
Female	191	176	190	186	174	164	157	185	163	149	143	145	169	173	174	204	215	239	259	277	296	251	251	251		+3,732 +187
All SMigR: males	446 27.4	410 25.0	440 26.6	432 26.0	404 24.2	379 22.7	363 21.7	428 25.6	377 22.6	345 20.7	332 20.0	336 20.3	390 23.6	401 24.3	402 24.4	471 28.6	497 30.2	553 33.5	599 36.3	640 38.8	686 41.6	580 35.2	580 35.1	580 34.9		+8,644 +432 +522 +26
SMigR: females Migrants input	20.8	19.0	20.4	19.9	18.6	17.6	16.8	19.9	17.5	16.1	15.5	15.8	18.3	18.8	18.9	22.2	23.5	26.1	28.3	30.3	32.5	27.6	27.5	27.4		+404 +20
Migration - Net Flows																										2011-2031
UK Overseas	+78 +661	+224 +742	+221 +690	+290 +716	+391 +781	+524 +837	+607 +870	+542 +739	+692 +842	+798 +906	+848 +932	+846 +923	+794 +815	+809 +794	+842 +792	+738 +654	+720 +601	+631 +489	+558 +398	+482 +316	+396 +224	+619 +435	+636 +435	+650 +435		+11,636 +582 +14,497 +725
Summary of population ch	nange																									
Natural change	-152	-88	-8 +911	+43	+56	+77 +1.361	+85	+100	+100	+89	+69	+47	+11	-32	-84	-140	-198	-245	-295	-352	-401	-446	-477	-507		-916 -46 +26.134 +1.307
Net migration Net change	+739 +587	+966 +878	+911	+1,006 +1,049	+1,172	+1,438	+1,477 +1,562	+1,280	+1,534	+1,704	+1,780 +1,849	+1,769	+1,609 +1,620	+1,604 +1,572	+1,634 +1,549	+1,392 +1,253	+1,321	+1,121 +876	+957 +662	+797 +445	+621 +220	+1,054 +609	+1,071 +593	+1,085 +578		+26,134 +1,307 +25,218 +1,261
Summary of Popu	ılation e	stimat	es/for	ecasts	<b>3</b>																					
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
0-4	14,266	14,533	14,840	15,169	15,422	15,663	15,863	16,006	16,087	16,151	16,203	16,231	16,231	16,187	16,104	15,991	15,839	15,667	15,480	15,291	15,108	14,935	14,804	14,701	14,627	
5-10 11-15	16,887 15,940	16,967 15,431	17,163 14,844	17,355 14,572	17,495 14,514	17,875 14,434	18,226	18,603 14,691	18,984 14,879	19,378 14,930	19,678 15,298	19,958 15,600	20,178 15,918	20,326 16,258	20,419	20,471 16,906	20,486 17,150	20,462 17,336	20,395 17,449	20,277	20,109 17,525	19,902 17,521	19,692 17,502	19,473 17,458	19,253 17,379	
11-15 16-17	15,940 7,087	15,431 6,919	14,844 6,882	14,572 6,619	14,514 6,301	14,434 6,101	14,502 5,904	14,691 5,812	14,879 5,787	14,930 6,014	15,298 6,006	15,600 5,924	15,918 6,097	16,258 6,198	16,624 6,280	16,906 6,435	17,150 6,593	17,336 6,702	17,449 6,839	6,961	17,525 7,041	17,521 7,071	17,502 7,094	17,458 7,109	17,379 7,117	
18-59Female, 64Male	154,362	154,135	154,119	154,061	154,090	154,030	153,923	153,734	153,369	153,148	152,896	152,863	152,483	152,079	151,760	151,545	151,114	150,776	150,448	150,055	149,758	149,651	149,973	150,480	151,213	
60/65 -74 75-84	38,410 20,472	38,943 20,837	39,349	39,898 21,423	40,526 21,478	41,040 21,570	41,811 21,569	42,385 21,846	42,857 22,154	43,420 22,389	44,065 22,702	44,038 23,616	44,373 24,300	44,991 24,828	45,720 25,250	46,430 25,610	47,117 26,090	47,829 26,354	48,291 26,667	48,716 27,066	48,977 27,363	48,819 27,312	48,517 27,527	48,110 27,869	47,437 28,372	
85+	7,547	7,794	8,013	8,241	8,563	8,903	9,256	9,538	9,879	10,201	10,576	11,043	11,508	11,841	12,123	12,441	12,694	13,080	13,514	13,875	14,308	15,198	15,909	16,412	16,790	2011-2031
Total	274,971	275,558	276,436	277,339	278,389	279,616	281,054	282,616	283,997	285,631	287,424	289,273	291,088	292,709	294,280	295,830	297,082	298,206	299,082	299,744	300,189	300,409	301,017	301,611	302,189	25,218 1,261
Population impact of cons Number of persons	straint +115	+390	+560	+466	+527	+674	+804	+870	+608	+815	+942	+994	+977	+761	+719	+714	+438	+333	+109	-73	-238	-421				
Labour Force																										
Number of Labour Force	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,311	121,627	121,950	122,315	0 0
Change over previous year Number of supply units	+111 86,279	+0 85,994	0 85.994	0 86.379	+0 86,763	0 87.148	+0 87,533	0 87,917	+0 87,917	+0 87.917	0 87,917	-0 87,917	-0 87,917	0 87,917	+0 87,917	+0 87,917	+0 87,917	+0 87,917	-0 87,917	0 87,917	+0 87,917	+0 87,917	+316 88,146	+323 88,380	+365 88,645	1,639 82
Change over previous year	-300	-284	0	+385	+385	+385	+385	+385	+0	+0	0	-0	-0	0	+0	+0	+0	+0	-0	0	+0	+0	+229	+234	+264	1,000
Households																										
Number of Households	119,248	120,006	120,851	121,742	122,761	123,819	124,906	126,033	127,065	128,187	129,360	130,545		132,739	133,812		135,858			138,276	138,880		139,936		141,118	19,632 982
Change over previous year Number of supply units	+650 125,129	+758 125,925	+845 126,811	+891 127,746	+1,019	+1,059	+1,087	+1,126	+1,033	+1,122	+1,173	+1,185	+1,120	+1,074	+1,073	+1,081	+965 142,558	+894 143,496	+837	+688	+604	+463 146.215	+593 146.838	+601 147.468	+581 148.077	20,600 1,030
Change over previous year	+682	+795	+886	+935	+1,069	+1,111	+1,141	+1,182	+1,084	+1,177	+1,231	+1,243	+1,175	+1,127	+1,126	+1,135	+1,013	+938	+878	+721	+633	+486	+622	+630	+610	20,000 1,030

7b. Constant labour supply: Vacancy Sensitivity

Population Estim	ates	and I	Forec	asts			Sefto	n ON	S 201	0 POI	•					5	CENARI	O 7 VAC	ANCY SEI	NSITIVIT	Y					
Components of Pop						AllGro	up																			
	ear begir 2011	ning July 2012	1st 2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
i <b>lirths</b> Iale emale <i>III Births</i> FR irths input	1,496 1,425 2,921 1.96	1,529 1,457 2,986 1.98	1,558 1,483 3,041 1.98	1,573 1,499 3,072 1.98	1,580 1,504 3,084 1.96	1,589 1,513 3,101 1.94	1,595 1,519 3,114 1.92	1,602 1,526 3,128 1.91	1,604 1,528 3,132 1.90	1,602 1,526 3,129 1.89	1,599 1,522 3,121 1.87	1,592 1,516 3,108 1.86	1,582 1,507 3,090 1.85	1,567 1,492 3,059 1.84	1,549 1,475 3,024 1.83	1,532 1,459 2,991 1.81	1,514 1,442 2,956 1.81	1,499 1,428 2,927 1.80	1,483 1,412 2,895 1.80	1,468 1,398 2,867 1.79	1,455 1,386 2,841 1.79	1,442 1,374 2,816 1.79	1,439 1,370 2,809 1.79	1,437 1,369 2,806 1.79		
Deaths  fale  fale	1,453 1,621 3,074 108.7 104.9 106.7 80.4	1,456 1,618 3,074 106.4 103.3 104.7 80.5	1,460 1,589 3,049 104.2 100.0 101.9 80.7	1,458 1,571 3,029 101.6 97.2 99.3 80.9	1,452 1,577 3,028 98.7 95.9 97.2 81.1	1,452 1,572 3,024 96.2 93.9 95.0 81.2	1,460 1,568 3,029 94.4 91.9 93.1 81.4	1,466 1,562 3,028 92.3 89.8 91.0 81.5	1,468 1,563 3,031 90.2 88.1 89.1 81.7	1,476 1,564 3,040 88.4 86.3 87.3 81.8	1,488 1,564 3,052 86.9 84.5 85.7 81.9	1,498 1,563 3,062 85.2 82.8 84.0 82.1	1,509 1,569 3,078 83.7 81.4 82.5 82.2	1,520 1,571 3,091 82.3 79.7 81.0 82.3	1,533 1,575 3,109 81.0 78.3 79.6 82.4	1,546 1,584 3,130 79.7 77.0 78.3 82.5	1,558 1,596 3,154 78.5 75.8 77.1 82.6	1,568 1,603 3,171 77.2 74.4 75.8 82.7	1,580 1,610 3,190 76.0 73.3 74.6 82.8	1,597 1,622 3,219 75.2 72.5 73.8 82.9	1,612 1,630 3,242 74.3 71.4 72.8 83.0	1,622 1,640 3,262 73.2 70.5 71.9 83.1	1,635 1,651 3,286 72.3 69.6 70.9 83.2	1,649 1,663 3,313 71.4 68.7 70.0 83.3		
n-migration from the UK Vale Female AV SMigR: males SMigR: females Vigrants input	3,976 4,038 8,014 29.5 28.8	4,035 4,091 8,126 29.8 29.2	4,056 4,105 8,162 29.8 29.2	4,093 4,132 8,225 30.0 29.4	4,136 4,165 8,300 30.2 29.7	4,172 4,191 8,363 30.3 29.9	4,198 4,208 8,406 30.5 30.0	4,182 4,182 8,363 30.3 29.8	4,222 4,210 8,432 30.6 30.1	4,247 4,226 8,473 30.7 30.2	4,262 4,231 8,492 30.8 30.2	4,265 4,226 8,492 30.7 30.1	4,247 4,202 8,448 30.5 29.8	4,252 4,205 8,457 30.5 29.8	4,266 4,216 8,482 30.5 29.9	4,244 4,195 8,439 30.3 29.6	4,243 4,196 8,439 30.2 29.6	4,230 4,186 8,416 30.0 29.5	4,223 4,184 8,407 30.0 29.4	4,217 4,181 8,398 29.9 29.3	4,208 4,178 8,386 29.8 29.2	4,279 4,254 8,533 30.3 29.7	4,299 4,280 8,579 30.3 29.8	4,320 4,304 8,624 30.4 29.9		2011-2031 +83,766 +4, +83,569 +4, +167,335 +8,3 +605 +593
Out-migration to the UK  Value Female  AU  SMigR: males  SMigR: females  Vigrants input	3,875 4,061 7,936 28.8 29.0	3,860 4,042 7,902 28.5 28.8	3,887 4,053 7,941 28.6 28.9	3,892 4,043 7,935 28.5 28.8	3,890 4,019 7,910 28.4 28.6	3,862 3,977 7,839 28.1 28.3	3,848 3,951 7,799 27.9 28.2	3,872 3,949 7,822 28.0 28.2	3,831 3,909 7,740 27.7 27.9	3,809 3,865 7,675 27.6 27.6	3,798 3,846 7,644 27.4 27.4	3,799 3,846 7,645 27.4 27.4	3,810 3,845 7,655 27.4 27.3	3,813 3,835 7,648 27.3 27.2	3,808 3,832 7,640 27.3 27.1	3,838 3,863 7,701 27.4 27.3	3,850 3,869 7,719 27.4 27.3	3,881 3,903 7,784 27.6 27.5	3,905 3,944 7,849 27.7 27.7	3,932 3,984 7,916 27.9 27.9	3,964 4,026 7,990 28.1 28.2	3,922 3,992 7,914 27.8 27.9	3,933 4,010 7,943 27.8 27.9	3,945 4,029 7,973 27.7 28.0		2011-2031 +77,061 +3,8 +78,638 +3,9 +155,699 +7,7 +557 + +558 +
n-migration from Overseas  vale  Female  4//  MigR: males  MigR: females  digrants input	587 520 1,107 63.3 56.5	611 541 1,152 65.4 58.4	600 531 1,130 63.7 57.0	609 539 1,148 64.4 57.7	628 556 1,185 66.2 59.6	645 571 1,216 67.9 61.2	653 579 1,233 68.7 62.1	619 548 1,167 65.1 58.8	646 573 1,219 68.2 61.7	663 588 1,251 70.2 63.5	670 594 1,264 71.0 64.3	668 592 1,259 70.9 64.2	639 566 1,205 68.0 61.5	633 561 1,195 67.5 61.1	633 561 1,194 67.6 61.1	596 528 1,125 63.7 57.6	582 516 1,098 62.2 56.4	553 490 1,042 59.0 53.6	528 468 997 56.4 51.3	507 449 956 54.1 49.2	482 428 910 51.5 46.9	538 477 1,015 57.5 52.5	538 477 1,015 57.3 52.3	538 477 1,015 57.1 52.2		2011-2031 +12,270 +6 +10,871 +5 +23,141 +1,1 +1,304 + +1,177 +
Out-migration to Overseas  Male Female  AVI  SMigR: males  Migrants input	254 191 446 27.4 20.8	234 176 410 25.0 19.0	251 190 440 26.6 20.4	246 186 432 26.0 19.9	229 174 404 24.2 18.6	215 164 379 22.7 17.6	206 157 363 21.7 16.8	243 185 428 25.6 19.9	214 163 377 22.6 17.5	196 149 345 20.7 16.1	188 143 332 20.0 15.5	191 145 336 20.3 15.8	222 169 390 23.6 18.3	228 173 401 24.3 18.8	228 174 402 24.4 18.9	267 204 471 28.6 22.2	282 215 497 30.2 23.5	314 239 553 33.5 26.1	340 259 599 36.3 28.3	363 277 640 38.8 30.3	389 296 686 41.6 32.5	330 251 580 35.2 27.6	330 251 580 35.1 27.5	330 251 580 34.9 27.4		2011-2031 +4,912 +2 +3,732 +1 +8,644 +4 +522 + +404 +
Migration - Net Flows JK Overseas	+78 +661	+224 +742	+221 +690	+290 +716	+391 +781	+524 +837	+607 +870	+542 +739	+692 +842	+798 +906	+848 +932	+846 +923	+794 +815	+809 +794	+842 +792	+738 +654	+720 +601	+631 +489	+558 +398	+482 +316	+396 +224	+619 +435	+636 +435	+650 +435		2011-2031 +11,636 +5 +14,497 +7
Summary of population chan Natural change Net migration Net change	-152 +739 +587	-88 +966 +878	-8 +911 +903	+43 +1,006 +1,049	+56 +1,172 +1,227	+77 +1,361 +1,438	+85 +1,477 +1,562	+100 +1,280 +1,381	+100 +1,534 +1,634	+89 +1,704 +1,793	+69 +1,780 +1,849	+47 +1,769 +1,816	+11 +1,609 +1,620	-32 +1,604 +1,572	-84 +1,634 +1,549	-140 +1,392 +1,253	-198 +1,321 +1,124	-245 +1,121 +876	-295 +957 +662	-352 +797 +445	-401 +621 +220	-446 +1,054 +609	-477 +1,071 +593	-507 +1,085 +578		-916 - +26,134 +1,3 +25,218 +1,2
Summary of Popula	tion e	stimat	es/for	ecasts	;																					
0-4 5-10 11-15 16-17 18-59Female, 64Male 90065-74 75-84 15+	2011 14,266 16,887 15,940 7,087 154,362 38,410 20,472 7,547 274,971	2012 14,533 16,967 15,431 6,919 154,135 38,943 20,837 7,794 275,558	2013 14,840 17,163 14,844 6,882 154,119 39,349 21,227 8,013	2014 15,169 17,355 14,572 6,619 154,061 39,898 21,423 8,241 277,339	2015 15,422 17,495 14,514 6,301 154,090 40,526 21,478 8,563	2016 15,663 17,875 14,434 6,101 154,030 41,040 21,570 8,903	2017 15,863 18,226 14,502 5,904 153,923 41,811 21,569 9,256	2018 16,006 18,603 14,691 5,812 153,734 42,385 21,846 9,538	2019 16,087 18,984 14,879 5,787 153,369 42,857 22,154 9,879	2020 16,151 19,378 14,930 6,014 153,148 43,420 22,389 10,201	2021 16,203 19,678 15,298 6,006 152,896 44,065 22,702 10,576	2022 16,231 19,958 15,600 5,924 152,863 44,038 23,616 11,043	2023 16,231 20,178 15,918 6,097 152,483 44,373 24,300 11,508	2024 16,187 20,326 16,258 6,198 152,079 44,991 24,828 11,841 292,709	2025 16,104 20,419 16,624 6,280 151,760 45,720 25,250 12,123	2026 15,991 20,471 16,906 6,435 151,545 46,430 25,610 12,441 295,830	2027 15,839 20,486 17,150 6,593 151,114 47,117 26,090 12,694	2028 15,667 20,462 17,336 6,702 150,776 47,829 26,354 13,080 298,206	2029 15,480 20,395 17,449 6,839 150,448 48,291 26,667 13,514	2030 15,291 20,277 17,505 6,961 150,055 48,716 27,066 13,875	2031 15,108 20,109 17,525 7,041 149,758 48,977 27,363 14,308	2032 14,935 19,902 17,521 7,071 149,651 48,819 27,312 15,198	2033 14,804 19,692 17,502 7,094 149,973 48,517 27,527 15,909	2034 14,701 19,473 17,458 7,109 150,480 48,110 27,869 16,412	2035 14,627 19,253 17,379 7,117 151,213 47,437 28,372 16,790 302,189	2011-2031 25,218 1,2
Population impact of constra		+390	+560	+466	+527	+674	+804	+870	+608	+815	+942	+994	+977	+761	+719	+714	+438	+333	+109	-73	-238	-421	501,017	201,011	,100	20,210
Labour Force Number of Labour Force Change over previous year Number of supply units Change over previous year	121,311 +111 86,279 -300	121,311 +0 85,994 -284	121,311 0 85,994 0	121,311 0 86,379 +385	121,311 +0 86,763 +385	121,311 0 87,148 +385	121,311 +0 87,533 +385	121,311 0 87,917 +385	121,311 +0 87,917 +0	121,311 +0 87,917 +0	121,311 0 87,917	121,311 -0 87,917	121,311 -0 87,917 -0	121,311 0 87,917	121,311 +0 87,917 +0	121,311 +0 87,917 +0	121,311 +0 87,917 +0	121,311 +0 87,917 +0	121,311 -0 87,917 -0	121,311 0 87,917	121,311 +0 87,917 +0	121,311 +0 87,917 +0	121,627 +316 88,146 +229	121,950 +323 88,380 +234	122,315 +365 88,645 +264	0 1,639
Change over previous year	119,248 +650 125,129 +682	120,006 +758 125,925 +795	120,851 +845 126,811 +886	121,742 +891 127,746 +935	122,761 +1,019 128,815 +1,069	123,819 +1,059 129,926 +1,111	124,906 +1,087 130,992 +1,067	126,033 +1,126 132,099 +1,107	127,065 +1,033 133,106 +1,007	128,187 +1,122 134,206 +1,100	129,360 +1,173 135,358 +1,152	130,545 +1,185 136,521 +1,163	131,665 +1,120 137,614 +1,093	132,739 +1,074 138,659 +1,045	133,812 +1,073 139,701 +1,042	134,893 +1,081 140,751 +1,050	135,858 +965 141,678 +927	136,752 +894 142,530 +852	137,589 +837 143,322 +792	138,276 +688 144,038 +716	138,880 +604 144,666 +629	139,343 +463 145,149 +483	139,936 +593 145,767 +618	140,537 +601 146,393 +626	141,118 +581 146,998 +605	19,632 9

8a. Adjusted International Migration

P20 2847004v5

Population Estimates and Forecasts	Sefton ONS 2010 POR

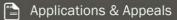
Components of Pop	ulatio	n Cha	nne			AllGro	un		SCEN	ΔRIO 9	R- AD I	ISTE	ם ואודי	RNAT	IONAL	MIG	RATIO	M								
· · · · · · · · ·		ning July	9		,	Allalo	ир	,	JOLIV	AI IIO C	J. ADJ	OOTE	JIIVIL		IONAL	- IVIICII	IIATIO	IN.								
irths	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
artns lale	1,496	1.519	1.534	1.538	1.531	1.526	1.517	1.508	1.498	1.482	1.464	1.443	1.420	1.396	1.370	1.347	1.327	1.312	1.299	1.290	1.285	1.283	1.285	1.288		
emale	1,425	1,447	1,461	1,465	1,458	1,454	1,445	1,436	1,427	1,412	1,394	1,374	1,353	1,329	1,305	1,283	1,264	1,249	1,237	1,229	1,224	1,222	1,223	1,227		
II Births	2,921	2,965	2,995	3,002	2,990	2,980	2,962	2,944	2,925	2,894	2,858	2,817	2,773	2,725	2,676	2,629	2,591	2,561	2,536	2,519	2,509	2,505	2,508	2,515		
FR irths input	1.96	1.98	1.98	1.98	1.96	1.94	1.92	1.91	1.90	1.88	1.87	1.86	1.85	1.83	1.82	1.81	1.80	1.80	1.79	1.79	1.79	1.79	1.79	1.79		
ittis iiput																										
eaths																										
Male emale	1,453	1,455	1,458	1,454	1,446	1,444	1,451	1,454	1,455	1,460	1,470	1,477	1,485	1,493	1,504	1,514 1,561	1,525	1,533	1,543	1,558	1,571	1,581	1,592	1,604		
emale II deaths	3.074	3,071	3,044	3,021	3,018	3,011	3,011	3,007	3,007	3.012	3,019	3,024	3,036	3,045	3,058	3.076	3,096	3,110	3,127	3,153	3,174	3,193	3,215	3,238		
MR: males	108.7	106.4	104.2	101.5	98.7	96.2	94.4	92.3	90.2	88.4	86.8	85.2	83.7	82.2	81.0	79.7	78.4	77.1	76.0	75.1	74.2	73.2	72.3	71.4		
MR: females	104.9	103.3	100.0	97.2	95.9	93.9	91.9	89.9	88.2	86.4	84.6	82.8	81.4	79.8	78.3	77.0	75.8	74.5	73.3	72.5	71.5	70.6	69.6	68.8		
MR: male & female expectation of life	106.7 80.4	104.7 80.5	101.9 80.7	99.3 80.9	97.2 81.1	95.0 81.2	93.1 81.4	91.0 81.5	89.1 81.7	87.3 81.8	85.7 81.9	84.0 82.1	82.5 82.2	81.0 82.3	79.6 82.4	78.3 82.5	77.1 82.6	75.8 82.7	74.6 82.8	73.8 82.9	72.8 83.0	71.9 83.1	70.9 83.2	70.0 83.3		
leaths input	60.4	60.5	00.7	00.9	01.1	01.2	01.4	01.0	01.7	01.0	01.5	02.1	02.2	02.3	02.4	02.0	02.0	02.7	02.0	02.9	03.0	03.1	03.2	03.3		
n-migration from the UK																										2011-2
fale emale	3,928	3,965 4.020	3,999	4,028	4,052	4,072	4,089	4,106	4,120	4,129	4,137	4,143	4,151	4,162 4,116	4,176	4,189	4,201	4,216	4,232	4,247	4,261	4,279	4,299	4,320		+82,341 +82,147
W	7,917	7,986	8,045	8,094	8,132	8,163	8,188	8,212	8,228	8,237	8,244	8,247	8,258	8,277	8,303	8,330	8,356	8,388	8,426	8,458	8,492	8,533	8,579	8,624		+164,488
MigR: males	29.2	29.5	29.7	30.0	30.2	30.4	30.7	30.9	31.2	31.5	31.7	31.8	32.1	32.3	32.5	32.6	32.8	32.9	33.0	33.0	33.1	33.1	33.2	33.3		+628
MigR: females	28.5	28.8	29.1	29.4	29.6	29.9	30.2	30.4	30.6	30.8	31.0	31.0	31.2	31.4	31.5	31.7	31.9	32.0	32.1	32.1	32.2	32.3	32.4	32.5		+613
figrants input																										
Out-migration to the UK																										2011-2
Male	3,922	3,929	3,944	3,957	3,973	3,961	3,955	3,948	3,932	3,926	3,922	3,921	3,904	3,902	3,897	3,893	3,891	3,895	3,895	3,903	3,912	3,922	3,933	3,945		+78,470
emale	4,111	4,113	4,113	4,110	4,105	4,079	4,061	4,026	4,012	3,984	3,971	3,969	3,941	3,925	3,922	3,918	3,911	3,917	3,935	3,954	3,973	3,992	4,010	4,029		+80,076
W MioR: males	8,034 29.1	8,042 29.2	8,057 29.3	8,067 29.4	8,078 29.6	8,040 29.6	8,016 29.7	7,974	7,944 29.8	7,910 29.9	7,893 30.0	7,890 30.1	7,845 30.2	7,827	7,819 30.3	7,810 30.3	7,802	7,812	7,830	7,857	7,885	7,914	7,943	7,973		+158,546
MigH: males MigR: females	29.1	29.2	29.3 29.6	29.4	29.6 29.8	29.6 29.8	29.7 29.9	29.8 29.8	29.8 29.9	29.9 29.9	30.0 29.9	30.1	30.2 29.9	30.2 29.9	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.4	30.4	30.4		+598 +597
Migrants input																										.507
n-migration from Overseas	424	424	424	424	424	424	424	424	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425		2011-2 +8.493
raie 'emale	424 376	424 376	424 376	424 376	424 376	424 376	424 376	424 376	425 375	425 375	425 375	425 375	425 375	425 375	425 375	425 375	425 375	425 375	425 375	425 375	425 375	425 375	425 375	425 375		+8,493 +7,507
W	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800		+16,000
MigR: males	45.8	45.7	45.6	45.7	45.8	46.1	46.4	46.8	47.2	47.6	48.1	48.5	48.9	49.4	49.7	49.9	50.1	50.2	50.2	50.1	50.0	49.8	49.7	49.5		+957
MigR: females Migrants input	40.8	40.8	40.8	41.0	41.2	41.5	41.8	42.2	42.6	43.0	43.4	43.8	44.2	44.6	44.8	45.1	45.3	45.4	45.4	45.4	45.3	45.3	45.1	45.0		+863
nigranis input																										
Out-migration to Overseas																										2011-2
Male	394	393	393	393	392	392	392	392	392	392	392	392	392	392	392	392	392	392	392	392	392	392	392	392		+7,845
emale	296	297	297	297	298	298	298	298	298	298	298	298	298	298	298	298	298	298	298	298	298	298	298	298		+5,955
W :MigR: males	690 42.5	690 42.3	690 42.2	690 42.3	690 42.4	690 42.5	690 42.8	690 43.2	690 43.5	690 44.0	690 44,4	690 44.8	690 45.2	690 45.6	690 45.8	690 46.1	690 46.2	690 46.3	690 46.3	690 46.2	690 46.1	690 46.0	690 45.8	690 45.6		+13,800
MigR: females	32.2	32.2	32.3	32.4	32.7	32.9	33.2	33.5	33.8	34.2	34.5	34.8	35.1	35.4	35.6	35.8	36.0	36.1	36.1	36.1	36.0	36.0	35.9	35.8		+685
Migrants input																										
Migration - Net Flows																										2011-2
iligration - Net Flows	-117	-56	-12	+27	±54	+123	+172	+238	+284	+327	+351	+358	+413	+450	+484	+519	+554	+577	+595	+601	+607	±619	+636	+650		+5,943
in. Overseas	+110	+110	+110	+110	+110	+123	+172	+238	+284	+327	+351	+358	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110		+5,943
Summary of population change																										
latural change let migration	-152	-106 +54	-49 +98	-19 +137	-28 +164	-31 +233	-49 +282	-62 +348	-82 +394	-118 +437	-161 +461	-207 +468	-264 +523	-320 +560	-383 +594	-446 +629	-505 +664	-550 +687	-591 +705	-635 +711	-665 +717	-688 +729	-706 +746	-723 +760		-4,760 +8,143
let change	-159	-53	+49	+118	+135	+201	+233	+346	+312	+320	+300	+260	+260	+240	+212	+183	+159	+137	+114	+76	+51	+41	+39	+37		+3,383
<u>.</u>																										
Summary of Popula	tion e	stimat	es/fore	ecasts																						
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
-4	2011 14.266	2012 14.497	2013	2014 15.001	2015 15.164	2016 15.292	2017 15.353	2018 15.349	2019 15.297	2020 15.217	2021 15.118	2022 14.994	2023 14.848	2024 14.677	2025 14,479	2026 14.262	2027 14.037	2028 13.815	2029 13.609	2030 13.426	2031	2032 13.163	2033 13.085	2034 13.040	2035 13.028	
-10	16,887	16,938	17,096	17,252	17,349	17,676	17,966	18,261	18,552	18,829	18,990	19,110	19,152	19,127	19,051	18,937	18,799	18,632	18,441	18,223	17,978	17,718	17,459	17,214	16,989	
1-15	15,940	15,408	14,794	14,498	14,413	14,302	14,332	14,481	14,635	14,643	14,958	15,203	15,460	15,730	16,007	16,185	16,319	16,381	16,374	16,317	16,230	16,127	15,999	15,851	15,680	
6-17	7,087	6,904	6,852	6,580	6,253	6,041	5,831	5,723	5,688	5,897	5,871	5,774	5,926	6,011	6,075	6,208	6,348	6,441	6,550	6,629	6,667	6,661	6,635	6,602	6,561	
8-59Female, 64Male 0/65 -74	154,362 38.410	153,534	152,784 39,275	152,066 39 788	151,390	150,519	149,510 41,555	148,370 42,067	147,256 42 486	146,130 42 984	144,876 43,558	143,797	142,393	141,130	139,986	138,951 45,562	137,913	137,047	136,360 47,238	135,751 47,611	135,351	135,261 47,635	135,269	135,449 46,796	135,835	
5-84	20,472	20,829	21,209	21,395	21,438	21,514	21,494	21,751	22,040	22,254	22,539	23,417	24,064	24,560	24,951	25,278	25,725	25,959	26,245	26,618	26,894	26,829	27,020	27,336	27,811	
5+	7,547	7,790	8,004	8,228	8,544	8,877	9,222	9,493	9,828	10,140	10,503	10,956	11,407	11,727	11,997	12,302	12,544	12,920	13,346	13,703	14,131	15,012	15,708	16,198	16,563	2011-2
otal	274,971	274,812	274,759	274,808	274,926	275,062	275,263	275,496	275,782	276,094	276,413	276,713	276,973	277,233	277,473	277,685	277,868	278,026	278,164	278,278	278,354	278,405	278,446	278,486	278,523	3,383
opulation impact of constra	int +410																									
louseholds																										
	119,248	119,747	120,260	120,835	121,502	122,143	122,755	123,360	123,945	124,532	125,111	125,666	126,153	126,654	127,160	127,670	128,165	128,624	129,107	129,522	129,923	130,267	130,598	130,938	131,263	10,675
Change over previous year	+650	+499	+513	+575	+667	+641	+612	+605	+585	+587	+579	+556	+486	+502	+506	+510	+495	+459	+483	+415	+402	+344	+331	+340	+325	
	125,129	125,653	126,191	126,795	127,494	128,167	128,809	129,444	130,058	130,674	131,281	131,864	132,374	132,901		133,967	134,486	134,967	135,475	135,910	136,331	136,692	137,039	137,396	137,737	11,202
hange over previous year	+682	+523	+538	+604	+699	+673	+642	+635	+614	+616	+608	+583	+510	+526	+531	+535	+519	+482	+507	+435	+421	+361	+347	+357	+341	
abour Force								117 166	116 578	115.872	115 093	114 284	113.486	112813	112 170	111.532	111.055	110.636	110.340	110 148	110.048	110.050	110 115	110.180	110.280	-11,263
umber of Labour Force	121,311	120,852	120,289			118,606	117,905																			-11,200
umber of Labour Force hange over previous year	+111	-459	-563	-509	-545	-628	-701	-739	-588	-705	-780	-809	-798	-673	-643	-638	-477	-419	-296	-193	-99	+1	+65	+65	+99	
Labour Force Lumber of Labour Force Change over previous year Lumber of supply units Change over previous year																										-6,524

8b. Adjusted International Migration: Vacancy Sensitivity

Population Estima	ates	and F	orec	asts			Sefto	n ONS	3 201	POF	•					S	CENARI	O 8 VACA	NCY SE	NSITIVIT	Y					
Components of Pop		n Cha				AllGro	up																			
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
Births Male emale	1,496	1,519	1,534	1,538	1,531	1,526	1,517	1,508	1,498	1,482	1,464	1,443	1,420	1,396	1,370	1,347	1,327	1,312	1,299	1,290	1,285	1,283	1,285	1,288		
NI Births	2,921	2,965	2,995	3,002	2,990	2,980	2,962	2,944	2,925	2,894	2,858	2,817	2,773	2,725	2,676	2,629	2,591	2,561	2,536	2,519	2,509	2,505	2,508	2,515		
FFR Births input	1.96	1.98	1.98	1.98	1.96	1.94	1.92	1.91	1.90	1.88	1.87	1.86	1.85	1.83	1.82	1.81	1.80	1.80	1.79	1.79	1.79	1.79	1.79	1.79		
Deaths																										
Male Female	1,453 1,621	1,455 1,617	1,458 1,587	1,454 1,567	1,446 1,572	1,444	1,451	1,454 1,553	1,455 1,553	1,460 1,552	1,470 1,550	1,477	1,485 1,551	1,493 1,552	1,504 1,554	1,514 1,561	1,525 1,571	1,533 1,578	1,543 1,584	1,558 1,595	1,571	1,581	1,592 1,622	1,604 1,634		
All deaths	3,074	3,071	3,044	3,021	3,018	3,011	3,011	3,007	3,007	3,012	3,019	3,024	3,036	3,045	3,058	3,076	3,096	3,110	3,127	3,153	3,174	3,193	3,215	3,238		
SMR: males SMR: females	108.7 104.9	106.4	104.2	101.5 97.2	98.7 95.9	96.2 93.9	94.4 91.9	92.3 89.9	90.2 88.2	88.4 86.4	86.8 84.6	85.2 82.8	83.7 81.4	82.2 79.8	81.0 78.3	79.7 77.0	78.4 75.8	77.1 74.5	76.0 73.3	75.1 72.5	74.2 71.5	73.2 70.6	72.3 69.6	71.4 68.8		
SMR: male & female Expectation of life	106.7 80.4	104.7 80.5	101.9 80.7	99.3 80.9	97.2 81.1	95.0 81.2	93.1 81.4	91.0 81.5	89.1 81.7	87.3 81.8	85.7 81.9	84.0 82.1	82.5 82.2	81.0 82.3	79.6 82.4	78.3 82.5	77.1 82.6	75.8 82.7	74.6 82.8	73.8 82.9	72.8 83.0	71.9 83.1	70.9 83.2	70.0 83.3		
Deaths input	80.4	80.5	00.7	00.9	01.1	01.2	01.4	61.5	01.7	01.0	01.5	02.1	02.2	02.3	02.4	02.5	02.0	02.7	02.0	02.9	63.0	03.1	03.2	03.3		
n-migration from the UK																										2011-203
/fale Female	3,928 3,989	3,965 4,020	3,999 4,047	4,028 4,066	4,052 4,080	4,072	4,089 4,099	4,106 4,106	4,120 4,109	4,129 4,108	4,137 4,107	4,143 4,105	4,151 4,107	4,162 4,116	4,176 4,128	4,189 4,140	4,201 4,154	4,216 4,172	4,232 4,193	4,247 4,211	4,261 4,230	4,279 4,254	4,299 4,280	4,320 4,304		+82,341 +82,147
All SMinR: males	7,917	7,986	8,045 29.7	8,094	8,132	8,163 30.4	8,188 30.7	8,212	8,228	8,237 31.5	8,244 31.7	8,247	8,258 32.1	8,277	8,303	8,330	8,356 32.8	8,388	8,426	8,458	8,492	8,533 33.1	8,579	8,624		+164,488 +
SMigR: females	28.5	28.8	29.1	29.4	29.6	29.9	30.2	30.4	30.6	30.8	31.0	31.0	31.2	31.4	31.5	31.7	31.9	32.0	32.1	32.1	32.2	32.3	32.4	32.5		+613
Migrants input																										
Out-migration to the UK Male	3,922	3,929	3,944	3,957	3.973	3,961	3,955	3.948	3,932	3.926	3,922	3,921	3,904	3,902	3,897	3,893	3,891	3,895	3,895	3,903	3,912	3,922	3,933	3.945		2011-203 +78,470 +
Female	4,111	4,113	4,113	4,110	4,105	4,079	4,061	4,026	4,012	3,984	3,971	3,969	3,941	3,925	3,922	3,918	3,911	3,917	3,935	3,954	3,973	3,992	4,010	4,029		+80,076 +
All SMigR: males	8,034 29.1	8,042 29.2	8,057 29.3	8,067 29.4	8,078 29.6	8,040 29.6	8,016 29.7	7,974 29.8	7,944 29.8	7,910 29.9	7,893	7,890 30.1	7,845 30.2	7,827	7,819 30.3	7,810 30.3	7,802	7,812 30.3	7,830	7,857 30.4	7,885 30.4	7,914 30.4	7,943	7,973 30.4		+158,546 +
SMigR: females Migrants input	29.3	29.4	29.6	29.7	29.8	29.8	29.9	29.8	29.9	29.9	29.9	30.0	29.9	29.9	30.0	30.0	30.0	30.0	30.1	30.2	30.2	30.3	30.3	30.4		+597
In-migration from Overseas																										2011-203
Male	424	424	424	424	424	424	424	424	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425		+8,493
Female All	376 800	376 800	376 800	376 800	376 800	376 800	376 800	376 800	375 800	375 800	375 800	375 800	375 800	375 800	375 800	375 800	375 800	375 800	375 800	375 800	375 800	375 800	375 800	375 800		+7,507 +16.000
SMigR: males	45.8	45.7	45.6	45.7	45.8	46.1	46.4	46.8	47.2	47.6	48.1	48.5	48.9	49.4	49.7	49.9	50.1	50.2	50.2	50.1	50.0	49.8	49.7	49.5		+957
SMigR: females Migrants input	40.8	40.8	40.8	41.0	41.2	41.5	41.8	42.2	42.6	43.0	43.4	43.8	44.2	44.6	44.8	45.1	45.3	45.4	45.4	45.4	45.3	45.3	45.1	45.0		+863
Out-migration to Overseas																										2011-203
Male Female	394 296	393 297	393 297	393 297	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298	392 298		+7,845 +5,955
All SMigR: males	690 42.5	690 42.3	690 42.2	690 42.3	690 42.4	690 42.5	690 42.8	690 43.2	690 43.5	690 44.0	690 44.4	690 44.8	690 45.2	690 45.6	690 45.8	690 46.1	690 46.2	690 46.3	690 46.3	690 46.2	690 46.1	690 46.0	690 45.8	690 45.6		+13,800
SMigR: males SMigR: females Migrants input	32.2	32.2	32.3	32.4	32.7	32.9	33.2	33.5	33.8	34.2	34.5	34.8	35.1	35.4	35.6	35.8	36.0	36.1	36.1	36.1	36.0	36.0	35.9	35.8		+685
Migration - Net Flows																										2011-2031
UK	-117	-56	-12	+27	+54	+123	+172	+238	+284	+327	+351	+358	+413	+450	+484	+519	+554	+577	+595	+601	+607	+619	+636	+650		+5,943
Overseas	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110		+2,200
Summary of population chang Natural change	ge -152	-106	-49	-19	-28	-31	-49	-62	-82	-118	-161	-207	-264	-320	-383	-446	-505	-550	-591	-635	-665	-688	-706	-723		-4.760
Net migration	-7	+54	+98	+137	+164	+233	+282	+348	+394	+437	+461	+468	+523	+560	+594	+629	+664	+687	+705	+711	+717	+729	+746	+760		+8,143
Net change	-159	-53	+49	+118	+135	+201	+233	+286	+312	+320	+300	+260	+260	+240	+212	+183	+159	+137	+114	+76	+51	+41	+39	+37		+3,383
Summary of Populat	tion e	stimat	es/fore	ecasts																						
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
-4	14,266	14,497	14,745	15,001	15,164	15,292	15,353	15,349	15,297	15,217	15,118	14,994	14,848	14,677	14,479	14,262	14,037	13,815	13,609	13,426	13,276	13,163	13,085	13,040	13,028	
	16,887	16,938 15,408	17,096 14,794	17,252 14,498	17,349 14,413	17,676	17,966 14,332	18,261	18,552 14,635	18,829	18,990 14,958	19,110 15,203	19,152 15,460	19,127 15,730	19,051 16,007	18,937 16,185	18,799 16,319	18,632 16,381	18,441 16,374	18,223 16,317	17,978 16,230	17,718 16,127	17,459 15,999	17,214 15,851	16,989 15,680	
5-10 11-15	15,940		6.852	6,580	6,253 151,390	6,041 150,519	5,831	5,723	5,688 147,256	5,897	5,871	5,774	5,926	6,011	6,075	6,208	6,348	6,441	6,550	6,629	6,667	6,661	6,635	6,602	6,561	
11-15 16-17	15,940 7,087	6,904					149,510	148,370		146,130 42,984	144,876 43,558	143,797 43,462	142,393	141,130 44,270	139,986 44,927	138,951 45,562	137,913 46,184	137,047 46,830	136,360 47,238	135,751 47,611	135,351 47,827	135,261 47,635	135,269 47,271	135,449 46,796	135,835 46,055	
11-15 16-17 18-59Female, 64Male 60/65 -74	15,940		152,784 39,275	152,066 39,788	40,375	40,841	41,555	42,067	42,486	42,984						05 070	25.725	25.959	26,245	26.618	26.894	26.829	27.020	27.336		
11-15 16-17 18-59Female, 64Male 60/65 -74 75-84	15,940 7,087 154,362	6,904 153,534	152,784				41,555 21,494 9,222	42,067 21,751 9,493	42,486 22,040 9.828	42,984 22,254 10.140	22,539 10.503	23,417	24,064	24,560 11,727	24,951 11,997	25,278 12,302	12.544	12.920	13.346	13.703	14.131	15.012	15.708	16.198	27,811 16.563	2011-2031
11-15 16-17 18-59Female, 64Male 60/65 -74 75-84	15,940 7,087 154,362 38,410 20,472	6,904 153,534 38,911 20,829 7,790	152,784 39,275 21,209 8,004	39,788	40,375 21,438	40,841		21,751			22,539 10,503	23,417 10,956	24,064 11,407	24,560 11,727 277,233	11,997	12,302		12,920 278,026	10,040	13,703 278,278			15,708 278,446			2011-2031 3,383
11-15 16-17 18-59Female, 64Male 19065-74 175-84 155+ Total 2	15,940 7,087 154,362 38,410 20,472 7,547 274,971	6,904 153,534 38,911 20,829 7,790	152,784 39,275 21,209 8,004	39,788 21,395 8,228	40,375 21,438 8,544	40,841 21,514 8,877	21,494 9,222	21,751 9,493	22,040 9,828	22,254 10,140	22,539 10,503	23,417 10,956	24,064 11,407	11,727	11,997	12,302	12,544	12,920 278,026	10,040	13,703 278,278	14,131	15,012	15,708	16,198	16,563	
11-15 16-17 18-59Female, 64Male 00065-74 1559- 1559- 1501al 2 159- 1501al 2	15,940 7,087 154,362 38,410 20,472 7,547 274,971 int +410	6,904 153,534 38,911 20,829 7,790 274,812	152,784 39,275 21,209 8,004 274,759	39,788 21,395 8,228 274,808	40,375 21,438 8,544 274,926	40,841 21,514 8,877 275,062	21,494 9,222 275,263	21,751 9,493 275,496	22,040 9,828 275,782	22,254 10,140 276,094	22,539 10,503 276,413	23,417 10,956 276,713	24,064 11,407 276,973	11,727 277,233	11,997 277,473	12,302 277,685	12,544 277,868		278,164		14,131 278,354	15,012 278,405	15,708 278,446	16,198 278,486	16,563 278,523	3,383
11-15 16-17 18-59Female, 64Male 50065-74 554 55+ Total 2 Population impact of constrai Number of persons Households Number of thouseholds 1	15,940 7,087 154,362 38,410 20,472 7,547 274,971 int +410	6,904 153,534 38,911 20,829 7,790 274,812	152,784 39,275 21,209 8,004 274,759	39,788 21,395 8,228 274,808	40,375 21,438 8,544 274,926	40,841 21,514 8,877 275,062	21,494 9,222 275,263	21,751 9,493 275,496	22,040 9,828 275,782	22,254 10,140 276,094	22,539 10,503 276,413	23,417 10,956 276,713	24,064 11,407 276,973	11,727 277,233 126,654	11,997 277,473	12,302 277,685	12,544 277,868 128,165	128,624	278,164 129,107	129,522	14,131 278,354 129,923	15,012 278,405 130,267	15,708 278,446 130,598	16,198 278,486 130,938	16.563 278,523 131,263	
11-15 16-17 18-59Female, 64Male 50065-74 59-4 59-4 Total  2 Population impact of constrai Number of persons Households Number of Households Change over previous year Number of Households Change over previous year Number of Households	15,940 7,087 154,362 38,410 20,472 7,547 274,971 int +410 119,248 +650 125,129	6,904 153,534 38,911 20,829 7,790 274,812 119,747 +499 125,653	152,784 39,275 21,209 8,004 274,759 120,260 +513 126,191	39,788 21,395 8,228 274,808 120,835 +575 126,795	40,375 21,438 8,544 274,926 121,502 +667 127,494	40,841 21,514 8,877 275,062 122,143 +641 128,167	21,494 9,222 275,263 122,755 +612 128,736	21,751 9,493 275,496 123,360 +605 129,298	22,040 9,828 275,782 275,782 123,945 +585 129,838	22,254 10,140 276,094 124,532 +587 130,379	22,539 10,503 276,413 125,111 +579 130,911	23,417 10,956 276,713 125,666 +556 131,419	24,064 11,407 276,973 126,153 +486 131,853	11,727 277,233 126,654 +502 132,302	11,997 277,473 127,160 +506 132,757	12,302 277,685 127,670 +510 133,214	12,544 277,868 277,868 128,165 +495 133,655	128,624 +459 134,058	129,107 +483 134,487	129,522 +415 134,919	14,131 278,354 129,923 +402 135,337	15,012 278,405 130,267 +344 135,695	15,708 278,446 130,598 +331 136,040	16,198 278,486 130,938 +340 136,394	16,563 278,523 131,263 +325 136,732	3,383
1-15 8-96Female, 64Male 0055-74 8-96Female, 64Male 0055-74 5-94 5-1 5-1 5-1 5-1 5-1 5-1 5-1 5-1 5-1 5-1	15,940 7,087 154,362 38,410 20,472 7,547 274,971 410 4119,248 +650	6,904 153,534 38,911 20,829 7,790 274,812	152,784 39,275 21,209 8,004 274,759 120,260 +513	39,788 21,395 8,228 274,808 120,835 +575	40,375 21,438 8,544 274,926 121,502 +667	40,841 21,514 8,877 275,062 122,143 +641	21,494 9,222 275,263 122,755 +612	21,751 9,493 275,496 123,360 +605	22,040 9,828 275,782 275,782	22,254 10,140 276,094 124,532 +587	22,539 10,503 276,413 125,111 +579	23,417 10,956 276,713 125,666 +556	24,064 11,407 276,973 126,153 +486	11,727 277,233 126,654 +502	11,997 277,473 127,160 +506	12,302 277,685 127,670 +510	12,544 277,868 128,165 +495	128,624 +459	278,164 278,164	129,522 +415	14,131 278,354 129,923 +402	15,012 278,405 130,267 +344	15,708 278,446 130,598 +331	16,198 278,486 130,938 +340	16,563 278,523 131,263 +325	3,383 10,675
11-15 6-97 male, 6-4Mule 15-97 male, 6-4Mule 1	15,940 7,087 154,362 38,410 20,472 7,547 274,971 int +410 119,248 +650 125,129 +682	6,904 153,534 38,911 20,829 7,790 274,812 119,747 +499 125,653 +523	152,784 39,275 21,209 8,004 274,759 120,260 +513 126,191 +538	39,788 21,395 8,228 274,808 120,835 +575 126,795 +604	40,375 21,438 8,544 274,926 121,502 +667 127,494 +699	40,841 21,514 8,877 275,062 122,143 +641 128,167 +673	21,494 9,222 275,263 122,755 +612 128,736 +569	21,751 9,493 275,496 123,360 +605 129,298 +562	22,040 9,828 275,782 275,782 123,945 +585 129,838 +540	22,254 10,140 276,094 124,532 +587 130,379 +541	22,539 10,503 276,413 125,111 +579 130,911 +532	23,417 10,956 276,713 125,666 +556 131,419 +507	24,064 11,407 276,973 126,153 +486 131,853 +434	11,727 277,233 126,654 +502 132,302 +450	11,997 277,473 127,160 +506 132,757 +454	12,302 277,685 127,670 +510 133,214 +457	12,544 277,868 128,165 +495 133,655 +441	128,624 +459 134,058 +403	129,107 +483 134,487 +428	129,522 +415 134,919 +432	14,131 278,354 129,923 +402 135,337 +418	15,012 278,405 130,267 +344 135,695 +358	15,708 278,446 130,598 +331 136,040 +345	16,198 278,486 130,938 +340 136,394 +354	16,563 278,523 131,263 +325 1325 1339	3,383 10,675
11-15 18-97 emails, 64Mule 18-	15,940 7,087 154,362 38,410 20,472 7,547 274,971 int +410 119,248 +650 125,129 95,3%	6,904 153,534 38,911 20,829 7,790 274,812 119,747 +499 125,653 +523 95,3%	152,784 39,275 21,209 8,004 274,759 120,260 +513 126,191 +538 95,3%	39,788 21,395 8,228 274,808 120,835 +575 126,795 +604 95,3%	40,375 21,438 8,544 274,926 121,502 +667 127,494 +699 95,3%	40,841 21,514 8,877 275,062 122,143 +641 128,167 +673 95,3%	21,494 9,222 275,263 122,755 +612 128,736 +569 95.4%	21,751 9,493 275,496 123,360 +605 129,298 +562 95,4%	22,040 9,828 275,782 123,945 +585 129,838 +540 95.5%	22,254 10,140 276,094 124,532 +587 130,379 +541 95.5%	22,539 10,503 276,413 125,111 +579 130,911 +532 95.6%	23,417 10,956 276,713 125,666 +556 131,419 +507 95.6%	24,064 11,407 276,973 126,153 4486 131,853 434 95.7%	11,727 277,233 126,654 +502 132,302 +450 95.7%	11,997 277,473 127,160 +506 132,757 +454 95.8%	12,902 277,685 127,670 +510 133,214 +457 95,8%	12.544 277,868 128,165 +495 133,655 +441 95.9%	128,624 +459 134,058 +403 95,9%	129,107 +483 134,487 +428 96.0%	129,522 +415 134,919 +432 96.0%	14,131 278,354 129,923 +402 135,337 +418 96.0%	15,012 278,405 130,267 +344 135,695 +358 96.0%	15,708 278,446 130,598 +331 136,040 +345 96.0%	16,198 278,486 130,938 +340 136,394 +354 96.0%	16,563 278,523 131,263 +325 +336,732 +339 96.0%	10,675
11-15 18-96 male, 64 Male 18-97 male, 64 Male 18-97 male, 64 Male 19-90 male	15,940 7,087 154,362 38,410 20,472 7,547 274,971 int +410 119,248 +650 125,129 +682 95,3%	6,904 153,534 38,911 20,829 7,790 274,812 119,747 +499 125,653 +523 95,3%	152,784 39,275 21,209 8,004 274,759 120,260 +513 126,191 +538 95,3%	39,788 21,395 8,228 274,808 120,835 +575 126,795 +604 95,3%	40,375 21,438 8,544 274,926 121,502 +667 127,494 +699 95,3%	40,841 21,514 8,877 275,062 122,143 +641 128,167 +673 95,3%	21,494 9,222 275,263 122,755 +612 128,736 +569 95.4%	21,751 9,493 275,496 123,360 +605 129,298 +562 95,4%	22,040 9,828 275,782 123,945 +585 129,838 +540 95.5%	22,254 10,140 276,094 124,532 +587 130,379 +541 95.5%	22,539 10,503 276,413 125,111 +579 130,911 +532 95.6%	23,417 10,956 276,713 125,666 +556 131,419 +507 95.6%	24,064 11,407 276,973 126,153 +486 131,853 +434 95.7%	11,727 277,233 126,654 +502 132,302 +450 95.7%	11,997 277,473 127,160 +506 132,757 +454 95.8%	127,670 +510 133,214 +457 95.8%	12,544 277,868 128,165 +495 133,655 +441 95,9%	128,624 +459 134,058 +403 95.9%	129,107 +483 134,487 +428 96.0%	129,522 +415 134,919 +432 96.0%	14,131 278,354 129,923 +402 135,337 +418 96.0%	15,012 278,405 130,267 +344 135,695 +358 96.0%	15,708 278,446 130,598 +331 136,040 +345 96.0%	16,198 278,486 130,938 +340 136,394 +354 96.0%	16,563 278,523 131,263 +325 136,732 +339 96,0%	3,383 10,675 10,208

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Climate Change & Sustainability

Community Engagement

Daylight & Sunlight

Economics & Regeneration

Environmental Assessment

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