

# **SPELTHORNE POPULATION PROJECTIONS**

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## **1. Introduction**

- 1.1 The purpose of this report is to set out the latest population projection for the Borough. The projection is intended to supersede the projections set out in the document 'Population and Social Characteristics – Draft Background Document' published by the Council in February 2005 – Table 4.
- 1.2 Both projections have been undertaken by Surrey County Council using the Chelmer Population and Housing Model.
- 1.3 The figures in this report have been taken into account in preparing the Council's LDF.

## **2. Background**

- 2.1 The document 'Population and Social Characteristics' set out a population forecast for the period to 2016. The forecast was prepared in June 2004 and used the Office for National Statistics 2001 mid-year estimate for the Borough as its starting point. It used rounded figures for each five year period, and therefore the unrounded figures for the forecast years should not be treated as being exact.
- 2.2 At the time the forecast was prepared some of the 2001 census data analysis by the Office for Natural Statistics (ONS) had not been completed and was not available. The forecast, therefore, had to use some trend based data from the 1991-1996 period rather than 1996-2001. This is why the forecast by SCC was referred to in the report as 'interim'.
- 2.3 Whilst the 'Population and Social Characteristics' document did not set out any figures for the period 2016-2026, the original forecasts provided figures to 2026. The full forecast is set out at Appendix 1. The forecast took account of projected future house building – hence it was dwelling constrained. For the period to 2016 the Surrey Structure Plan housing requirements for 2001-2016 were used. For the period 2016-2026 a house building level of 1052 for each five year period was used. This significantly exceeds the figures now in the draft South East Plan, but was used to provide a 'high end' forecast for testing the implications of population change over the plan period.
- 2.4 The forecasts showed a rise in total population from 92,135 in 2006 to 93,551 in 2021 and 95,179 in 2026.

## **3. Latest Projections**

- 3.1 The latest projections include 2003 based household projections and fertility and mortality rates. Migration assumptions are based on trends in the five years to 2003. The forecast is set out in Appendix 2. As with the earlier forecast it uses as its starting point rounded figures for each five year age group, therefore the unrounded figures for the forecast years should not be treated as being exact.
- 3.2 The model has taken account of projected house building levels to 2026 based on the Borough Council's Housing Land Availability Assessment 2006.

- 3.3 The Borough has in recent years seen the completion of a high proportion of small dwellings (1 and 2 bedrooms) and has a policy to continue a high proportion of at least 80% throughout the period to 2026. Smaller dwellings have lower occupancy rates and the model has been adjusted to take account of this. Technically this has been achieved by adjusting the total number of dwellings.
- 3.4 The projection currently represents the best available forecast of population change in the period to 2026.
- 3.5 Overall the latest forecast shows a small population decrease of some 2,450 between 2006 and 2026 – a fall of less than 3% over 20 years. The fall between 2006-2016 is only some 800, or less than 1%.
- 3.6 This contrasts with the previous projection which showed a rise of some 3,000 in the period 2006-2026, but only just over 250 in the period 2006-2016. It should be noted that the earlier forecast used a high housing completion rate and took no account of the high proportion of small dwellings.
- 3.7 Both projections show an increase in the over 50s population with significant increases in the over 85s. There is a fall in both projections of those of school age. There is a fall of 900 in the 0-4 age group compared to the previous projection.
- 3.8 In the latest projection the number of economically active people is now projected to fall between 2006 and 2026 by about 2,000 – approximately 4% over 20 years. However, most of this change – 1700 - takes places between 2021-2026.
- 3.9 The number of households will increase in line with expected new house building, which is currently 3020 additional dwellings in the period 2006-2016.

## **4. Conclusions**

- 4.1 Overall the degree of population change is relatively small with the more significant changes and differences from the early forecasts being in the later part of the plan period - 2021-2026.
- 4.2 The differences between the two projections show the changes that can occur as parameters in a model are updated. It also needs to be borne in mind that forecasts are just that, and their reliability reduces the further ahead they look.

**Appendix 1 Surrey County Council Interim 2001 based Population and Household Forecasts (Dwelling constrained forecast)**

DRAFT Surrey County Council Interim 2001 based Population and Household Forecasts														
Alternative runs	Variant 4: Dwelling constrained forecast	2001	2006	2011	2016	2021	2026	Changes				2001 - 2007	2007 - 2026	
								2006	2011	2016	2021			2006 - 2011
SPELTHORNE														
Building program														
Total population		90,200	92,135	92,793	92,405	93,551	95,179	1,935	658	530	1,052	1,628	4,979	2,205
Total dwellings		39,228	40,477	41,278	41,808	42,860	43,912	1,249	801	530	1,052	1,052	4,684	2,580
Total households		38,392	39,613	40,398	40,915	41,945	42,977	1,221	785	517	1,030	1,032	4,565	2,523
Average hhd. size		2.33	2.31	2.28	2.24	2.21	2.19							
Priv. h/hold pop.		89,554	91,401	91,978	91,532	92,629	94,207							
Non-Domestic pop.		646	734	815	873	922	972							
Econ active		48,150	49,519	50,742	51,115	52,318	52,464							
Age														
0-- 4		5,200	5,199	4,958	4,843	5,062	5,325							
5-- 9		5,600	5,260	5,202	4,905	4,880	5,119							
10-- 14		5,300	5,602	5,226	5,137	4,892	4,878							
15-- 19		4,500	5,424	5,692	5,287	5,250	5,019							
20-- 24		4,600	4,991	5,789	5,929	5,731	5,742							
25-- 29		5,900	5,446	5,629	6,227	6,691	6,580							
30-- 34		7,500	6,253	5,662	5,705	6,529	7,044							
35-- 39		7,900	7,483	6,166	5,506	5,666	6,514							
40-- 44		6,700	7,786	7,321	5,966	5,392	5,569							
45-- 49		5,700	6,572	7,612	7,117	5,832	5,277							
50-- 54		6,100	5,585	6,428	7,435	6,988	5,728							
55-- 59		5,400	5,773	5,250	6,076	7,103	6,675							
60-- 64		4,700	4,881	5,234	4,745	5,563	6,567							
65-- 69		4,300	4,177	4,349	4,682	4,259	5,051							
70-- 74		3,900	3,795	3,705	3,872	4,209	3,845							
75-- 79		3,200	3,290	3,264	3,214	3,395	3,709							
80-- 84		2,000	2,488	2,632	2,673	2,681	2,853							
85 +		1,700	2,130	2,664	3,086	3,428	3,684							
Total		90,200	92,135	92,793	92,405	93,551	95,179							
Aggregate agebands.														
0-- 14		16,100	16,061	15,386	14,885	14,834	15,322							
15-- 29		15,000	15,861	17,110	17,443	17,672	17,341							
30-- 44		22,100	21,522	19,149	17,177	17,587	19,127							
45-- retirement		19,500	20,345	21,892	22,953	22,688	20,862							
retirement		17,500	18,346	19,256	19,947	20,770	22,527							

**Appendix 2 Surrey County Council dwelling controlled (smaller dwellings, front loaded) population forecast**

Dwelling controlled (smaller dwellings, front loaded) population forecast													
Produced by the Chelmer Population and Housing Model													
SPELTHORNE	2001	2006	2011	2016	2021	2026	Changes			2001 - 2006	2006 - 2011	2011 - 2016	
							2006	2011	2016				2016 - 2021
Total population	90,200	89,549	89,505	88,749	87,683	87,074							
Total dwellings	39,154	40,110	41,006	41,599	41,940	42,255							
Total households	38,319	39,254	40,132	40,712	41,045	41,354							
Average household size	2.34	2.26	2.21	2.16	2.12	2.08							
Population in private households	89,554	88,846	88,733	87,926	86,817	86,155							
Population in communal establishments	646	703	772	823	866	919							
Economically active population	48,150	47,854	48,335	48,284	47,544	45,853							
<b>Age profile</b>													
0-- 4	5,200	5,215	4,749	4,527	4,535	4,648							
5-- 9	5,600	5,146	5,233	4,731	4,489	4,525							
10-- 14	5,300	5,500	5,101	5,161	4,643	4,422							
15-- 19	4,500	4,965	5,209	4,792	4,840	4,343							
20-- 24	4,600	3,689	4,274	4,462	4,017	4,117							
25-- 29	5,900	4,810	4,072	4,572	4,702	4,324							
30-- 34	7,500	6,229	5,310	4,491	4,930	5,124							
35-- 39	7,900	7,787	6,645	5,668	4,811	5,290							
40-- 44	6,700	7,873	7,843	6,667	5,674	4,852							
45-- 49	5,700	6,637	7,851	7,801	6,617	5,653							
50-- 54	6,100	5,552	6,521	7,704	7,649	6,496							
55-- 59	5,400	5,872	5,378	6,322	7,485	7,450							
60-- 64	4,700	4,840	5,329	4,856	5,780	6,933							
65-- 69	4,300	4,081	4,247	4,719	4,281	5,187							
70-- 74	3,900	3,748	3,610	3,787	4,237	3,846							
75-- 79	3,200	3,180	3,138	3,071	3,257	3,675							
80-- 84	2,000	2,419	2,488	2,527	2,523	2,712							
85 +	1,700	2,006	2,507	2,891	3,213	3,477							
Total	90,200	89,549	89,505	88,749	87,683	87,074							
<b>Household Type</b>													
Married couple household.	19,097	18,257	17,477	16,698	16,013	15,430							
Lone parent households.	1,950	2,149	2,209	2,161	2,063	2,022							
One person Households.	11,363	12,472	13,655	14,797	15,781	16,625							
Other Multi-person Households.	5,909	6,376	6,791	7,056	7,188	7,277							
Total households	38,319	39,254	40,132	40,712	41,045	41,354							