

## Appendix 1. Thornham Demographic Data

This Appendix sets out census information which compares the demographic characteristics of Thornham with those of the Borough Council of King's Lynn and West Norfolk and the country as a whole.

**Table 1 Population by age structure 2011 census**

Age Group	Thornham		Borough Council of King's Lynn and West Norfolk (BCKLWN)%	England %
	No.	%		
0-19	41	8.2	21.2	24.0
20-44	82	16.5	28.4	34.3
45-64	186	37.5	27.3	25.4
65-74	105	21.2	12.1	8.6
75-84	54	10.9	7.9	5.5
85-89	23	4.6	2.0	1.5
90+	5	1.0	1.0	0.8
<b>Total 65+</b>		<b>37.7</b>	<b>23.0</b>	<b>16.4</b>
<b>Total</b>	<b>496</b>			

Younger age groups have very low representation in Thornham with only a quarter of the population aged under 45 compared with half the population of the Borough of King's Lynn and West Norfolk and almost 60% of the national population. Conversely older groups are over-represented with almost 38% aged over 65, compared with 20% in the Borough and 16.5% over 75 compared to , 10.9% on the Borough. Contrasts with the national age structure are even greater as in England 60% of the national population are under 45 and only 16.4% 65 or over.

A more detailed analysis of the age structure of the population and the likely changes during the plan period is contained in Appendix 1b which is attached.

**Table 2 Household occupancy 2011 census**

Dwelling type %	Thornham	BCKLWN	England
Household space with at least 1 usual resident	49.05	85.1	95.7
Household spaces with no usual residents	50.05	14.9	4.3

Over half the houses in Thornham were not in permanent occupation in 2011, compared to about 1 in 7 in the borough of King's Lynn and West Norfolk and 1 in 20 in England as a whole. The houses not in permanent occupation fall into two categories: second homes and holiday lets, though these categories can be somewhat blurred as some second homes are also let out for part of the year.

**Table 3 Type of dwelling**

Dwelling Type	Thornham	BCKLWN	England
House or bungalow detached	46.6	41.6	22.3
House or bungalow semi-detached	25.6	28.7	30.7
Terraced (including end of terrace)	20.3	14.8	24.5
Flat maisonette or apartment	0.8	9.1	22.1
Caravan or other temporary or mobile structure	6.3	5.9	0.4

Almost half the dwellings in Thornham are detached, slightly more than in the borough as a whole but twice as high a percentage as nationally. The proportion of semi-detached and terraced property is between the national and district figure but not surprisingly the proportion of flats is negligible.

**Table 4 Household composition**

% of all Households	Thornham		BCKLWN		England	
One Person Household	34.0		27.2		30.2	
One person household aged 65+		13.6		14.4		12.4
One person household other		10.8		12.8		17.9
One family household	58.3		66.6		61.8	
One family only: all aged 65+		18.9		13.0		8.1
One family only: dependent children		7.3		23.2		33.2
“ “ no children		25.9		21.4		17.6
“ “ all children non dependent		6.2		9.0		8.6
Other household types	1.1		6.2		8.0	

The significant divergences from the national and district pattern are:

- Thornham has a higher proportion of one person households than BCKLWN and England and a higher proportion of these are occupied by persons of 65+.
- The proportion of one family households in Thornham is lower than in England and BCKLWN, however within this category a higher proportion are made up of people over 65 and a much lower proportion have dependent children.
- The other household types category covers several sub-sets and consist of households occupied by more than one family or unrelated individuals. The proportion of households in this group is much lower than in England and BCKLWN. Typically these households are more numerous in urban areas where students and young professionals may share a household.

**Table 5 Under or over occupation 2011 census**

Occupancy categories	Thornham %	BCKLWN %	England %
Occupancy rating (bedrooms) of +2 or more	60.6	39.6	34.3
Occupancy rating (bedrooms) of +1	30.5	37.5	34.4
Occupancy rating (bedrooms) of 0 or more	8.1	20.3	26.7
Occupancy rating (bedrooms) of -1	0.7	2.3	4.0
Occupancy rating (bedrooms) of -2 or more	0	0.4	0.7

The table shows the comparison between the number of bedrooms and the number notionally needed by the household. Thus, an occupancy rating of plus 2 or more means the household has 2 or more bedrooms in excess of the number required. Clearly in Thornham there isn't any overcrowding and just over 90% of households have more bedrooms than they theoretically need. This level of under-occupancy is much greater than in the borough and the country.

**Table 5 Housing tenure 2011 census**

Tenure %	Thornham	BCKLWN	England
Owned	66.02	66.4	63.3
Social rented	10.04	13.4	17.7
Private rented	18.53	14.7	16.8
Living rent free	5.41	2.1	1.3

The pattern of housing tenure in Thornham is quite similar to that in the borough and the country. The only notable difference being the somewhat lower proportion in social rented housing and the correspondingly higher proportion in private rented property.

**Table 6 Qualifications 2011 census (population aged 16 and above)**

Highest qualification %	Thornham	BCKLWN	England
No qualifications	22.5	29.3	22.5
Level 1	10.6	14.5	13.3
Level 2	17.3	16.2	15.2
Apprenticeships	2.4	3.8	3.6
Level 3	11.7	11.0	12.4
Level 4 or above	30.3	19.1	27.4
Other qualifications	5.2	6.1	5.7
School children and full time students age 16-18	0.0	2.4	2.7
School children and full time students age 18 +	0.4	2.1	5.5

A higher proportion of Thornham residents have level 4 qualifications or higher than in the country as a whole and the proportion is substantially higher than that for the District. The proportion with no qualifications is similar to the national picture and the proportion of school children and full-time students is significantly lower.

**Table 7 Occupation of people in employment 2011 census**

Occupation %	Thornham	BCKLWN	England
Managers Directors and Senior officials	18.1	10.5	10.9
Professional occupations	11.5	12.1	17.5
Associate professional and technical occupations	9.7	10.7	12.8
Administrative and secretarial occupations	9.7	10.0	11.5
Skilled trade occupations	17.7	14.8	11.4
Caring leisure and other service occupations	10.6	10.4	9.3
Sales and customer service operations	4.0	7.9	8.4
Process plant and machine operatives	7.1	10.8	7.2
Elementary occupations	11.5	12.9	11.1

The most notable differences from the national and borough in terms of occupations are:

- the much higher proportion in management, director or senior official roles
- the somewhat higher proportions in skilled trade occupations
- the lower proportion in professional occupations. In line with the data on qualifications a higher proportion of the economically active population are managerial, professional and skilled occupations than in both the district as a whole and England.

**Table 8 Economic Activity % of all residents aged 16-74 2011 census**

	Thornham			BCKLWN			England		
<b>Economically active</b>	62.4			67.3			69.9		
in employment		59.2			61.4			62.1	
Employee Part-time			14.2			14.6			13.7
Employee Full-time			23.9			36.5			38.6
Self employed			21.1			10.3			9.8
Unemployed		2.9			3.7			4.4	
Age 16-24			0.8			1.1			1.2
Age 50-74			1.1			0.8			0.8
Never worked			0.3			0.5			0.7
Long term			0.8			1.5			1.7
Full time student		1.1			2.2			3.4	
<b>Economically inactive</b>	37.6			32.7			30.1		
Retired		29.5			19.6			13.7	
Student		0.9			3.1			5.8	
Looking after home or family		3.9			4.3			4.4	
Long term sick or disabled		2.6			4.1			4.0	
Other		1.3			1.7			2.2	

The pattern of economic activity in Thornham mainly reflects the age structure. The proportion of the population that is economically active is a significantly less than the national or District figure and the proportion that is retired is substantially more, over twice the national figure. Of those who are in employment the proportions self-employed is double the national and district figure and the proportion in full-time employment is lower. The proportion of the population that is self-employed is also significantly higher.

**Table 9 Employment by industry**

Industry by Standard Industrial Classification % of employment	Thornham	BCKLWN	England
Agriculture, forestry and fishing	8.4	3.3	0.8
Mining and quarrying	0.0	0.2	0.2
Manufacturing	7.1	12.8	8.8
Electricity, gas, steam and air conditioning supply	0.0	0.3	0.6
Water supply	0.0	0.9	0.7
Construction	11.9	9.3	7.7
Wholesale and retail trade	10.2	17.4	15.9
Transport and storage	4.4	4.0	5.0
Accommodation and food service	14.2	5.8	5.6
Information and communication	2.7	1.3	4.1
Financial and insurance activities	4.0	2.1	4.4
Real estate activities	1.8	1.3	1.5
Professional, scientific and technical activities	8.8	3.8	6.7
Administrative and support service activities	4.9	4.3	4.9
Public administration and defence	3.5	7.0	5.9
Education	6.2	8.3	9.9
Human health and social work activities	8.0	13.2	12.4
Other	4.0	4.9	5.0

The share of those working in agriculture, construction and accommodation and food is markedly higher than in the borough and the country and the shares in wholesale and retail, health and education are markedly lower. In some industries Thornham is closer to the national structure than the borough, notably manufacturing, finance and insurance and professional scientific and technical construction,

**Table 10 Car Ownership by household 2011 census**

No cars or vans in household %	Thornham	BCKLWN	England
0	9.3	16.4	25.8
1	44.0	44.6	42.2
2	33.6	29.0	24.7
3	9.7	7.1	5.5
4 or more	3.5	3.0	1.9

- Car ownership in Thornham is significantly higher than in England and King's Lynn and West Norfolk. 47% of households in Thornham own 2 or more cars compared with 32% in England and 39% in the District.

**Table 11 Method of travel to work**

<b>% of population in employment</b>	<b>Thornham</b>	<b>BCKLWN</b>	<b>England</b>
<b>Working mainly or from home</b>	30.09	11.84	10.26
<b>Public transport/taxi</b>	6.64	4.04	16.92
<b>Motor cycle or moped</b>	0.88	0.71	0.80
<b>Driving car or van</b>	50.00	64.30	53.96
<b>Passenger in car or van</b>	3.10	5.95	4.90
<b>Bicycle</b>	2.65	4.69	2.87
<b>On foot</b>	6.19	7.96	9.80
<b>Other</b>	0.44	0.50	0.49

The proportion of people working from home in Thornham is three times higher than nationally or BCKLWN.

Use of public transport is slightly higher than in the Borough but much lower than the national figure.

Travel by car either as a driver or as a passenger is lower than in the Borough and the national figure reflecting the exceptionally high working from home figure.

**Appendix 1b Further demographic information demonstrating the likely significance of older age groups in the population.**

Detailed information which is more up to date than the 2011 census is not available at a Parish level. However, Norfolk County Council produce population estimates at a ward level. Brancaster Ward contains the parishes of Brancaster, Titchwell and Thornham. The age structure of the population of Brancaster was very similar to that of Thornham in 2011 and thus a comparison between the 2011 census information and the 2017 estimates is likely to be a reliable guide

**Table B1 Brancaster Ward: Age Structure for age groups over 65 2011 and 2017**

Age Group	2011 census		2017 estimates		Change 2011-2017	
	No.	% of total	No.	% of total	No.	% change
<b>Total Pop</b>	1293		1286		-7	-0.5
<b>65-74</b>	273	21.1	319	24.8	46	16.8
<b>75-84</b>	159	12.3	160	12.4	1	0.1
<b>85+</b>	74	5.7	90	7.0	16	21.6
<b>Total 65+</b>	506	39.1	569	44.2	63	12.4

The table shows that although there was a very small decline in the total population of the ward there were significant increases in most of the over 65 age groups, so that the population over 65 increased by 12.4% and these age groups made up 44.2% in 2017 compared with 39.1% in 2011. The implication of this is that there was a corresponding reduction in the population below 65.

Looking ahead, forecasts of changes in age structure are only available at the district level.

**Table B2 Borough Council of King's Lynn and West Norfolk Age Structure 2011-2036**

Age Group	2011 census		2017 estimates		2036 forecasts	
	No.	% of total	No.	% of total	No.	% of total
<b>65-74</b>	17793	12.1	21200	13.8	23000	14.0
<b>75-84</b>	11584	7.9	13000	8.5	17800	10.8
<b>85-89</b>	3016	2.0	3400	2.2	6000	3.6
<b>90+</b>	1448	1.0	1800	1.2	3500	2.1
<b>Total 65+</b>	33841	23.0	39400	25.7	50300	30.5
<b>Total</b>	147451		153200		164400	

The table shows that there have been significant increases in the numbers of people in all of the age groups above 65 between 2011 and 2017 and that these increases will continue until 2036. People over 65 will make up 30% of the population of the Borough in 2036 compared with 23% in 2011.

Another way of looking at these figures is to look at the rate of change in each age group and how this relates to the total increase in population. This is shown in table B3. The figures are quite startling as they forecast that almost all the net increase in population in King's Lynn and West Norfolk between 2011 and 2036 will be in the 65+ age groups. Between 2011 and 2017 the rate of change has been fairly well spread between these groups but in the 2017-2036 period the rate is much greater in the older age groups. The number of people over between 85 and 89 almost doubles between 2011 and 2036 and the number of over 90s increases by over 140%.

**Table B3 Rate and Share of change in age groups over 65, Borough of King's Lynn and West Norfolk**

Age Group	2011-2017			2017-2036			2011-2036		
	Change	% change	% of total change	Change	% change	% of total change	Change	% change	% of total change
65-74	3407	19.1	59.3	1800	8.5	16.1	5207	29.3	30.7
75-84	1416	12.2	24.6	4800	36.9	42.9	6216	53.7	36.7
85-89	384	12.7	6.7	2600	76.5	23.2	2984	98.9	17.6
90+	352	24.3	6.1	1700	94.4	15.2	2052	141.7	12.1
Total 65+	5559	16.4	96.7	10900	27.7	97.3	16459	48.6	97.1
Total	5749	3.8		11200			16949		

As these forecasts are not available at Parish or Ward level it is not possible to produce equivalent reliable figures for Thornham. However, the changes shown for the rates of change in the 65+ age groups in Brancaster Ward between 2011 and 2017 are fairly consistent with those for the Borough as a whole except that there has been no overall increase in population. These rates of increase have been in a population that is already more skewed towards the elderly than that of the Borough as a whole as they indicate that the over 65s made up 44% of the population in Brancaster ward in 2017 compared with 25.7% in the Borough.

Table B4 applies the rates of increase for the Borough as a whole to the Thornham age structure. It also assumes that the population of the village as a whole will only increase by 20; this reflects the static population in Brancaster Ward between 2011 and 2036 and the continuing tendency for houses to be used as second homes or holiday lets rather than permanent residences. **The results of this can only be indicative but they do suggest that the 65+ age groups will make up over half of the population of the village in 2036.** This has significant implications for the housing needs community needs in the village.

**Table B4 Indicative changes in age structure in Thornham 2011-2017**

Age Group	2011		2017		2036	
	Number	%	Indicative Number	%	Indicative Number	%
<b>65-74</b>	105	21.2	125	25.2	136	25.8
<b>75-84</b>	54	10.9	61	12.2	83	15.8
<b>85-89</b>	23	4.6	26	5.2	46	8.7
<b>90+</b>	5	1.0	6	1.3	12	2.3
<b>Total 65+</b>		37.7	218	43.9	278	52.8
Total	496		496		516	