



Population and Household Projections to 2036

This Bulletin summarises population projections at Local Authority level to 2036, produced by TWRI, using the 2010 'indicative' and 2011 mid-year estimates and compare these with the projections produced by ONS. South Tyneside is presented here as an example for comparisons. This Bulletin also provides the implied numbers of households. Using the 2010 'indicative' figures, ONS projected to 2035; using the 2011 mid-year estimates they produced 'interim' projections to 2021. TWRI used these base-year figures to produce population and household projections to 2036. Rather than those which are used by ONS, TWRI uses assumptions more in keeping with those which have produced, in the past, more accurate projections for South Tyneside¹.

KEY POINTS

ONS's total population projections for South Tyneside, for all years, are higher than TWRI's projections. Whilst ONS (2011-based) figures start from a lower figure, they project a considerably faster growth (to 2021) than their 2010-based figures. In contrast, the 2011-based TWRI projection is less than that produced from the 2010-based figures, to both 2021 and 2035. TWRI expect the growth, to 2035/36, to be around 3,000 (2%). (See table 1 and chart 1, below.)

Using the 2011-based figures and contrasting four age groups, ONS projections exceed the TWRI ones (to 2021) for each group. TWRI, expect that by 2036, the number of children and young people will reduce by about 20%, adults (i.e. those aged 16 to 64) by 10%; but those aged 65 or over to increase by 65%. (See table 2, below.)

All projections show an increase in the number of households in the projection period². The ONS (2011-based) population projection implies a growth of over 500 per year to 2021, much higher than any other projection. TWRI expects the number of households will increase from about 68,300 to 79,600 by 2036. (See table 3, below.)

Population projections to 2035/6

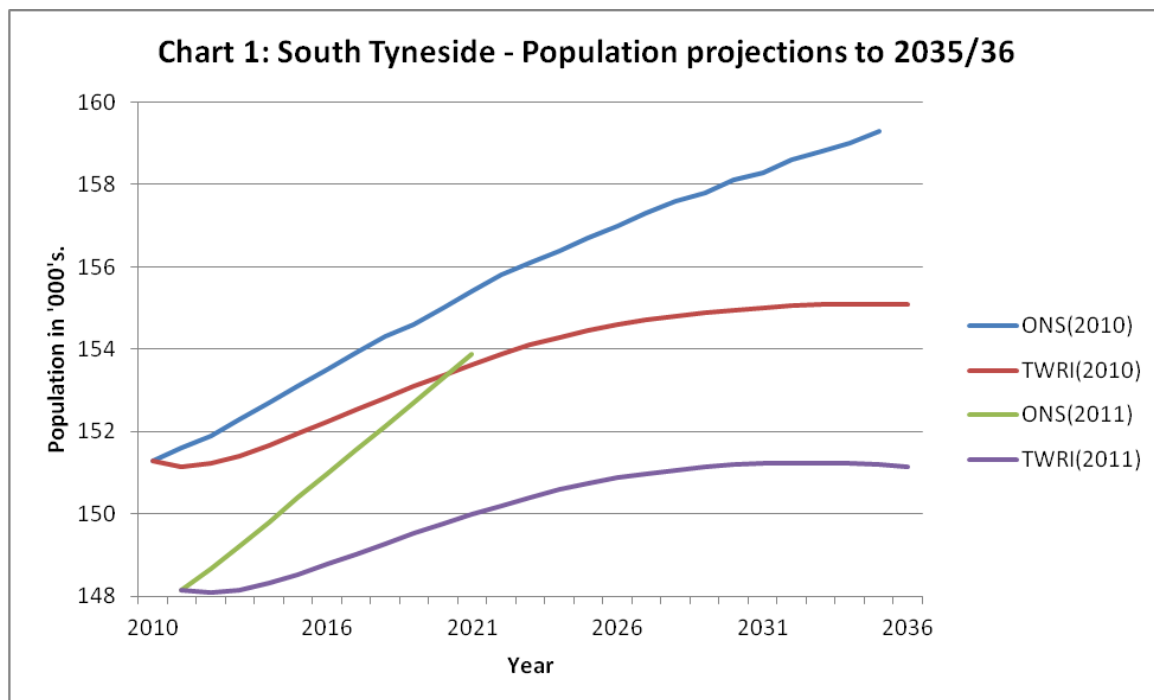
Using the 2011-based figures, ONS project a figure of 153,900 for 2021. Whilst this is less than using their 2010-based figure, for 2021, (155,400), the growth is much more (5,700 compared with 3,800). In contrast TWRI initially projected a growth of 2,400 (to 153,600); the 2011 figures, under the TWRI assumptions, suggest a smaller growth, to 2021, of 1,800, from 148,200 to 150,000. Under the TWRI assumptions, the 2011-based figures suggest a growth to 2036 of some 3,000, from 148,200 to 151,200; slightly less growth than using the 2010 figures.

Table 1 Summary of population projections under the various options

Year	Base=2010		Base=2011	
	ONS	TWRI	ONS	TWRI
2010	151,300	151,300		
2011	151,600	151,200	148,200	148,200
2016	153,500	152,200	151,000	148,800
2021	155,400	153,600	153,900	150,000
2026	157,000	154,600		150,900
2031	158,300	155,000		151,200
2035	159,300	155,100		151,200
2036		155,100		151,200
Change 2011-2021				
Numbers	+3,800	+2,400	+5,700	+1,800
Percentage	+2.5%	+1.6%	+3.8%	+1.2%
Change 2011-2035				
Numbers	+7,700	+3,900		+3,000
Percentage	+5.0%	+2.5%		+2.0%

¹ This option uses 5 years weighted NHSCR and 3 years unweighted IPS figures; all populations are rounded to the nearest 100.

² For household headship rates we have used the 2008-based projections to 2033, extrapolated to 2036, for each 5 year age-groups. Note that the household projections, in chart 5 and table 3, are not ONS figures; they are derived from ONS population projections and the associated household headship rates. The number of households in this bulletin will exceed the number of households as reported in the 2011 Census [67,200], as the latter excludes households with only non-usual residents. It is also important to appreciate that there must be suitable housing for these households within the Authority.



Projected age structure

As far as age structure is concerned, TWRI projects, to 2021, there to be marginally fewer under 16's, (25,800 in 2011 to 25,600 in 2021), whereas the ONS projection expects there to be more (27,200 in 2021, +5.3%). All four projections expect there will be more aged 65 and over. Table 2 and charts 2, 3 and 4, below, gives more details for these and other two groups.

Table 2 Summary of age groups for South Tyneside under the ONS and TWRI projections

Source	Year		Under 16	16 to 24	16 to 64	65 & over
Mid-year estimate	2011	Number	25,800	16,900	95,400	27,000
		Percentage	17.4%	11.4%	64.4%	18.2%
ONS projection	2021	Number	27,200	14,100	94,400	32,300
		% Growth 2011 to 2021	+5.3%	-16.6%	-1.0%	+19.8%
		Percentage	17.7%	9.2%	61.3%	21.0%
TWRI projection	2021	Number	25,600	13,900	92,600	31,800
		% Growth 2011 to 2021	-1.0%	-20.3%	-2.9%	+18.1%
		Percentage	17.1%	9.0%	61.7%	21.2%
TWRI projection	2036	Number	20,200	13,700	86,400	44,600
		% Growth 2011 to 2036	-21.9%	-19.1%	-9.4%	+65.3%
		Percentage	13.3%	9.1%	57.2%	29.5%

Chart 2, below, shows the four projections for those aged under 16. ONS project a rise to 2021, and then for the 2010-based projection a fall to below the current number. On the other hand, TWRI generally (but not exclusively) project the numbers to fall throughout the projection period.

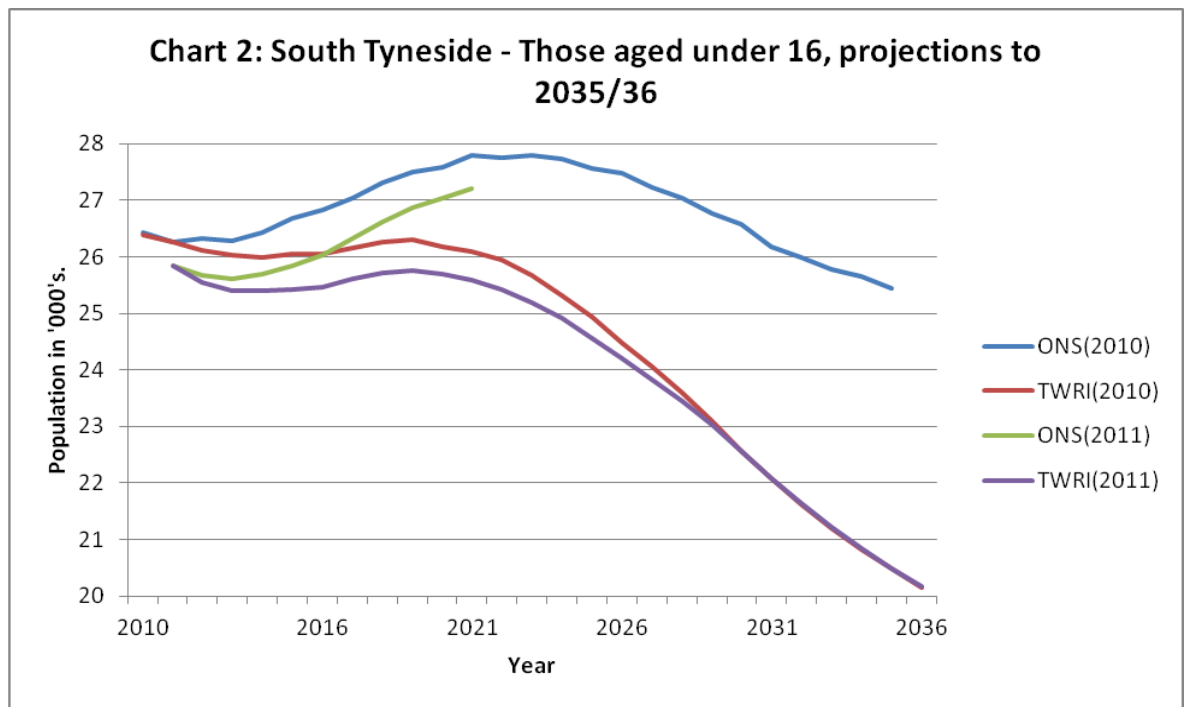


Chart 3, below, shows the four projections, for those aged 16 to 64; all projections show a fall in numbers; TWRI show a much steeper fall. Whilst the two ONS projections appear to converge, the two TWRI projections are almost parallel, implying that the main change is as a result of the starting point rather than the trends themselves.

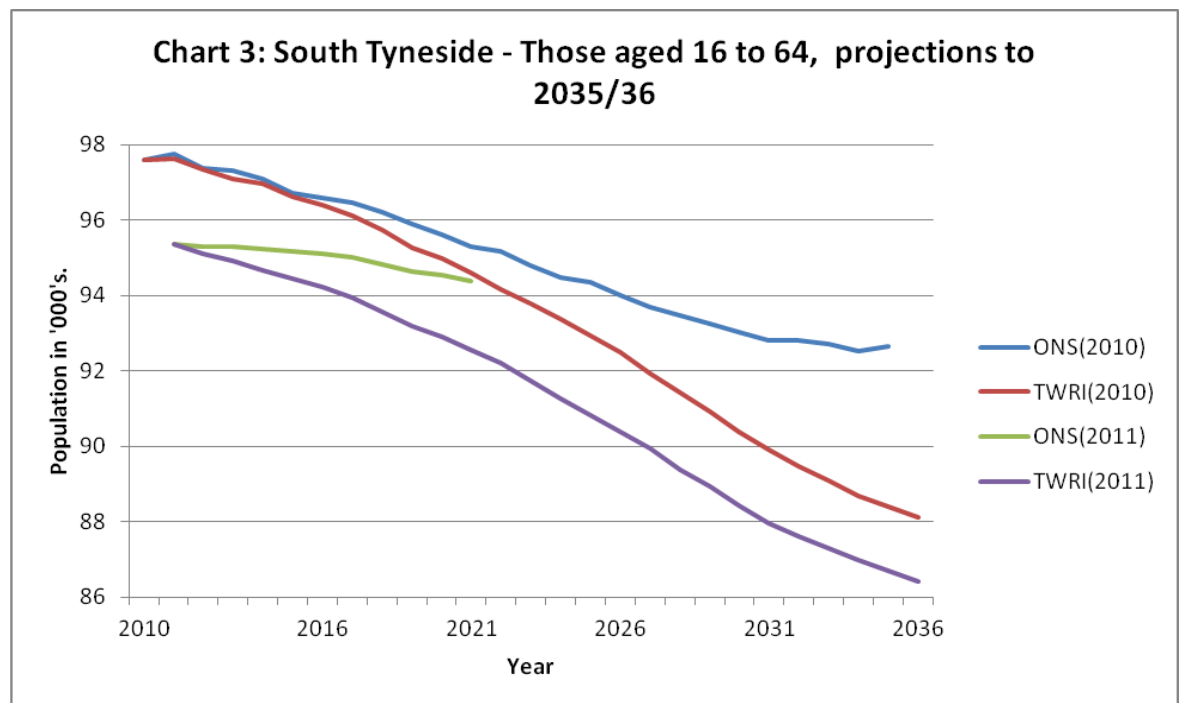
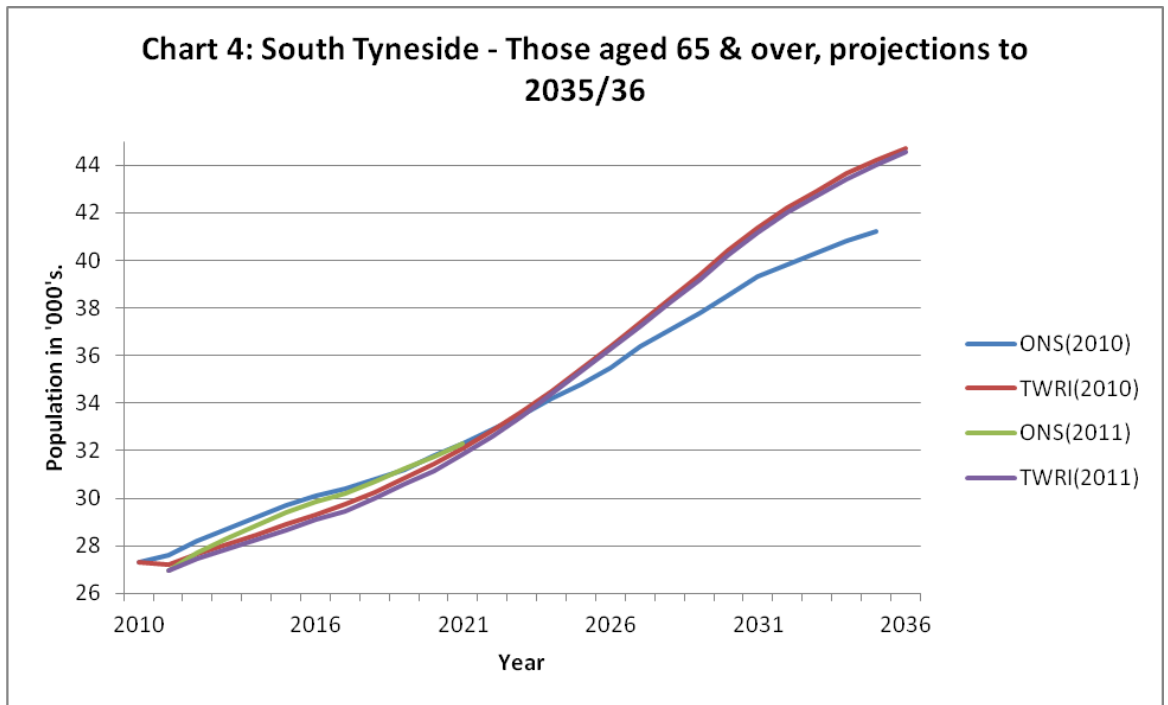


Chart 4, below, shows the four projections, for those 65 or over; all projections show an increase in numbers; the two TWRI give almost identical results; the ONS (2010-based) a lower long-term figure. (There is not sufficient ONS-2011 based results to show how, in relation to the other three projections, it would continue beyond 2021.)



Projected households

In relation to the projected number of households, with the exception of the ONS-2011, the short-term growth to 2021 is expected to be between 400 and 450 per year. [The ONS - 2011 based figures imply a growth of over 500 per year; this would appear to be too high.] In relation to the projected number of households to 2035/36, TWRI expect that there would be between 79,000 and 80,500 households. (See table 3 and chart 5, below.)

Table 3 Projected number and growth of households

End point		Number and Growth			
		2010-based (=69,400)		2011-based (=68,300)	
		ONS	TWRI	ONS	TWRI
2021	Number	74,400	75,900	73,400	72,300
	Growth	+5,100	+4,600	+5,100	+3,900
2035	Number	79,500	80,500	-	79,100
	Growth	+10,200	+11,200	-	+10,800

