

Methodology for Projecting the Electorate

In order to inform the electoral boundary review being undertaken within Wiltshire County, the Economic Research and Intelligence (ERI) Team have endeavoured to project the electorate to 2012. This note seeks to clarify what the projections take account of and therefore their strengths and weaknesses.

Macro-projections

The ERI already has a macro-projection system called Popgroup, and projections are produced annually. However, due to resource issues these have not been kept as up to date as desired. As it was critical to take on board the most recent information in order to provide realistic projections, a new projection series has been produced.

The primary sources of information in these projections are the ONS sub-national population projections, previous dwelling completions (from the spatial planning team) and estimates of future housing completions (again from the spatial planning team). It should be noted, that due to limited time, the ONS projections with revised international migration have not yet been incorporated into the Wiltshire projections. This is expected to make only a minimal difference, and as the projection is housing led, should be accounted for already.

The projection model assumes birth rates and death rates derived from the ONS sub-national projections. It then calculates a population with no net migration from these figures. The dwelling totals are applied to a headship rate (derived from ONS projections and DCLG sub-national household projections) to derive a second population and the difference between these two populations is assumed to be the net migration flows.

The result is a housing led projection, and so the most vital piece of information in these projections are the housing completion figures. For 2001 to 2007 these are taken from the Housing Land Availability report. For 2007 to 2012, the five year land supply is used, which attempts to estimate the period of construction of outstanding permissions, development plan allocations and other allocations for all sites with a proposal for more than 10 dwellings. For smaller sites, an average of the previous 6 years has been assumed in all areas. Also, the average rate of losses has been applied.

Recently, the Regional Spatial Strategy panel report has been released and this recommends that the South West sees higher rates of housing construction than previously envisaged. This is taken account of in the projections, but only from 2012 onwards, as even with this increased housing target it is unlikely that additional large permissions will be granted and developed in the next five years.

Small Area Projections

To break down these macro-projections into areas commensurate with polling areas, a second system has been used. This was developed in house and attempts to spread the population growth across the area based on housing growth.

This small area methodology allocates the predicted housing completions across statistical small areas. From here, it applies derived vacancy and headship rates to estimate the household population. A manual estimation of institutional population is also made, and the two are combined to create a total population. This includes projections of the level of Armed Forces, but assumes that all other institutional population will remain more or less constant.

In this instance, the small area projection methodology was amended to allocate the 18+ population across the County rather than the total population. This followed exactly the same methodology as before, only ensuring that the data entered did not include the under 18's. For example, school populations were excluded. This then provided a trend of the total 18+ population for a series of small areas.

Projecting the Electorate

In order to project the polling areas, the statistical small areas were attempted to be allocated to separate polling districts. This was not possible in all cases due to the geographies in question. In these instances, the effect of additional housing developments may be diluted across a few polling areas rather than focussed in one. However, the result of this should in most instances be minimal, and it is thought that these projections are representative.

In order to project the electorate, the 2007 electorate was taken and the rate of change of the 18+ population from 2007 to 2012 was used to factor this figure up to an estimate of the 2012 electorate.

In summary, the projections include an estimation of housing construction rates based on the best information available. It assumes that the time lag in housing development will mean that the recommended increased housing target will not take effect in the next five years. It then converts these housing assumptions into population projections. These populations are then spread across the polling districts based on the location of the housing developments.

The Results

As can be seen the electorate is set to remain fairly stable over the next five years, unless there are significant housing completions expected or the institutional populations are set to change. In 216 of the 422 polling areas, the change in the electorate is anticipated to be 10 or less.

The main decreases in the electorate are all situated in Durrington, and this is a result of the predicted losses of the Armed Forces at Larkhill in the creation of the super garrison.

The main increases all relate to future housing completions, and a list of these is supplied in Appendix 1.

Appendix 1

Anticipated future housing completions for proposals of over 10 dwellings that are expected to be completed in the next five years.

Kennet

Builders Yard, Bath Road, Devizes	23
Former Spitalcroft Allotments, London Road, Devizes	141
Rear of Catleys, The Green, Devizes	11
27-28 The Market Place, Devizes	24
Le Marchant Barracks, London Road, Devizes	46
Former Kverneland Factory Site, Devizes	146
Former Katherine McNeil Clinic, Green Lane, Devizes	62
Land off Quakers Walk, Devizes	140
Devizes Hospital	50
Roundway Mill, Devizes	30
Naughton Avenue, Devizes	100
Land off High Street, Bromham	12
Land at Kings Road, Easterton	24
Land at Witchcombe Lane, Great Cheverell	20
Land South of Springfield Road, Rowde	12
Rowde Primary School, Marsh Lane, Rowde	24
Adjacent the Park, Erlestoke	10
Land off Kelham Gardens, London Road, Marlborough	11
St John's School, Orchard Road, Marlborough	45
St John's School, Chopping Knife Lane, Marlborough	174
Former Factory Site, Marlborough Road, Aldbourne	15
Land at Manor Farm, High Street, Burbage	13
Savernake Hospital, London Road, Savernake	23
Dewey's Yard, River Street, Pewsey	10
Pewsey Hospital, Vale Road, Pewsey	105
Avonside, Broomcroft Road, Pewsey	30
Netheravon House, Netheravon	6
Land at Park Road, North Newnton	10
Farm Buildings, Village Street, Rushall	10
Former Courage's Depot, Tidworth Road, Ludgershall	23
Warehouse, Crown Lane, Ludgershall	5
The Old School, St James Street, Ludgershall	15
Erskine House, High Street, Ludgershall	21
Playing Field, Astor Crescent, Ludgershall	10
Adjacent Health Centre, Short Street, Ludgershall	10
Garden Centre, Granby Gardens, Ludgershall	130
Mooltan Bungalow, Plassey Road, Tidworth	18
North East Quadrant, Tidworth	150
Rear of 106-108 Cadley Road, Collingbourne Ducis	25
Bourne Works, High Street, Collingbourne Ducis	15
Manor Farm, Collingbourne Kingston	11

North Wiltshire

The Forum / The Grange, Calne	116
Part Phase 7, Calne	12
Northern Development (South), Calne	37
Local Centre, Calne	24
Adjacent Tying Park/Wessington Avenue, Calne	24
Redhill, Derry Hill, Calne	50
Land at Station Road, Calne	115
Quemerford House and Land, Calne	16
Springfield School, Calne	73
Land adjacent Rowden Lane, Chippenham	138
Flowers Yard, Wood Lane, Chippenham	15
Saxon Court, Chippenham	11
93 Marshfield Road, Chippenham	12
Fenway Park, Allington Way, Chippenham	22
The MOT Centre, Audley Road, Chippenham	21
Hartwell Garage, Cocklebury Road, Chippenham	39
Adjacent 9 London Road, Chippenham	22
Garage Site off Westcroft, Chippenham	11
Land at Spanbourne Avenue & Goldney Avenue	102
Cattle Market site, Cocklebury Road, Chippenham	256
61 St Mary's Street, Chippenham	11
Works, Cocklebury Road, Chippenham	66
Foundry Lane, Chippenham	130
Former Concrete Batching Plant, Christian Malford	10
Chicken Factory, Sutton Benger	60
Church Farm, West Yatton Road, Yatton Keynell	11
Land at Bradford Road, Corsham	7
Pockeridge Farm site, Corsham	83
Former Bath & Portland Stoneworks, Corsham	38
Works site, Pound Mead/Valley Road, Corsham	20
Works site, Pound Mead, Corsham	20
The Kingsway, Tetbury Hill, Malmesbury	168
Malmesbury Primary School site, Malmesbury	18
Swimming Pool Site, Old Alexander Rd, Malmesbury	28
Custom Transformers, Bristol Road, Malmesbury	28
Former Lucent technologies Site, Malmesbury	90
Great Middle Green Farm, The Green, Dauntsey	19
Brook Farmhouse, Great Somerford	48
Land at 11 Royal Field Close, Hullavington	16
Land at Southend House, The Street, Luckington	16
Minety Motors, Station Road, Minety	11
Glen Pac (Southern) Ltd., The Forty, Cricklade	11
Sparrow Lane, Wootton Bassett	10
The Depot, Marlborough Road, Wootton Bassett	40
Former St Ivel site, Wootton Bassett	190
18-20 Withybed, Bushton, Clyffe Pypard	5
Pear Tree Close/Station Road, Purton	10

Land at Preston Lane, Lyneham	15
Salisbury	
Porton Road, Amesbury	32
Land south of Boscombe Road, Amesbury	512
32 High Street, Amesbury	13
Land Adjacent Butterfield Drive, Amesbury	10
Adjacent Pinkneys Way, Durrington	6
East of Netheravon Road, Durrington	80
South of Wick Lane, Downton	50
Rear of Clements Lane, Mere	25
Castle Hill Garage, Castle Street, Mere	12
Downside Close & Old Hollow, Mere	26
4 & 5 Crestmount Drive, Salisbury	4
94 Wilton Road, Salisbury	10
8 Coldharbour Lane, Salisbury	10
Wilton Road / Devizes Road, Salisbury	11
31 Middleton Road, Salisbury	12
Tintometer Ltd, Waterloo Road, Salisbury	24
45 Queen Alexandra Road, Salisbury	31
Land off Duck Lane / Down View Road, Salisbury	106
Old Sarum, Salisbury	320
Old Manor Hospital South, Salisbury	80
Downton Road Extension, Salisbury	80
Land at Odstock Hospital, Salisbury	45
Duck Street, Tisbury	10
Chantry Views, Church Street, Tisbury	12
The Old Coalyard, High Street, Tisbury	14
Kingsway House, Warminster Road, Wilton	31
Rear of 35 West Street, Wilton	16
Crow Lane & 51-53 North Street, Wilton	62
South-west of Bulbridge Estate, Wilton	45
Adjacent Byworth, Hindon Road, Dinton	4
Land off Catherine Ford Road, Dinton	12
RAF Baverstock, Dinton	30
Glenside Manor, Warminster Road, South Newton	10

West Wiltshire

Saxon Garage, 46 New Road, Bradford-on-Avon	8
Adjacent Recreation Ground, Frome Road, Bradford	23
Kingston Mills, Bradford-on-Avon	130
Land at The Midlands, Holt	5
129 The Midlands, Holt	20
Former GEC Site, Beanacre Road, Melksham	83
The Bear P.H., Bath Road, Melksham	11
Waverley House, Semington Road, Melksham	22
Land east of Melksham	280
Bath Road Nurseries, Atworth	1
Paxcroft Mead, Trowbridge	27
Local Centre, Leap Gate, Trowbridge	1
Court Street, Trowbridge	94
Former Brewery Site, Trowbridge	60
Ushers Brewery Site, Back Street, Trowbridge	48
Manvers St / Fore St, Trowbridge	19
Rear of 36 Silver St Lane, Trowbridge	22
Rear of Wesley Road, Trowbridge	14
Land off Wesley Road, Trowbridge	6
Bellefield House, Hilperton Road, Trowbridge	13
Land rear of Guide Hut, Park Road, Trowbridge	17
Southview, Trowbridge	170
North of Paxcroft Way, Trowbridge	43
South of the Beeches / Kenton Drive, Trowbridge	187
Land at Yeoman Way, Trowbridge	8
F. Sleightholme & Sons, Frome Road, Trowbridge	22
Staverton Marina, Trowbridge	223
South of Paxcroft Mead, Trowbridge	240
Staverton Triangle, Trowbridge	80
Land north-east of County Hall, Trowbridge	226
Land opposite 5-9 Duke Street, Trowbridge	18
Blue Hills, Devizes Road, Trowbridge	35
Frome Road, Nos 95 – 133, Trowbridge	16
Land South of The Grange, Ashton Road, Trowbridge	35
Holbrook Lane, Trowbridge	20
Cedar Grove, Trowbridge	15
Hilperton Road, Trowbridge	15
North of Green Lane, Trowbridge	120
Adjacent Manor Farm, Bratton Road, West Ashton	34
61, East Street, Warminster	12
Ambulance Station, Bradley Road, Warminster	5
The Beckford Centre, 6 Gipsy Lane, Warminster	24
North of Victoria Road, Warminster	170
Land off George Street, Warminster	11
Land at Were House, George Street, Warminster	19
Land at Market Place / East Street, Warminster	18
Land rear of 62 & 66 Market Place, Warminster	12

Land off The Close, Warminster	15
Rear of Vicarage Street / West Street, Warminster	20
Land at West Street, Warminster	12
Rear of Westbury Road, Warminster	10
Station Road, Warminster	30
Imber Road, Warminster	15
Griffins Garage, Park Street, Heytesbury	10
Adjacent Quinton Place, Codford	10
North of Westbury Leigh	231
Melcombe Rise, Alfred Street, Westbury	12
The Coalyard, Church Street, Westbury	58
Canac Dog Accs, Westbury Leigh	8
Lakelands Edge, Westbury	93
Station Road, Westbury	140
Land at Station Road, Westbury	80
Adjoining Westbury Hospital	25
North of Clover Grass Court, Bratton	12