



Local Plan 2035
Planning for the future

**RURAL SETTLEMENT HIERACHY
SCORING METHODOLOGY**

APRIL 2017



Your Borough: Planning for the future

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1.0 Introduction and purpose of the study

- 1.1 Sustainability is a key theme of the planning system. A presumption in favour of sustainable development is defined in the National Planning Policy Framework (NPPF) as a golden thread running through both plan making and decision taking. For plan making this means that local planning authorities should positively seek opportunities to meet objectively assessed development needs in their area.
- 1.2 The Local Plan needs to set out a strategy for sustainable development which includes establishing how the housing and employment needs of the Borough can be met.
- 1.3 The current development strategy is set out in the Core Strategy and Rural Issues Plan (2008) which sets out how development should be spread around the borough by defining a Growth Area, a Rural Policy Area and rural key service centres within both. The development strategy is now being reviewed as part of the emerging Local Plan 2035 and the roles of all settlements in Bedford borough are being re-assessed. Infrastructure investment and the distribution of new homes, jobs and other types of development will contribute to creating a well-connected network of settlements that together meet the needs of residents in the borough.
- 1.4 Some of the most suitable locations for development will be in accessible locations in and around the urban area, however rural settlements will also have a role to play in accommodating growth which may play a role in enhancing or maintaining the vitality of villages. In order to inform the new development strategy it is important to consider the suitability of each of the rural settlements in the Borough for growth. The purpose of this paper is to provide an assessment of the degree of access to transport, services and community facilities enjoyed by individual settlements in the Borough. This will be used to inform the development strategy of the Local Plan 2035.

2.0 Policy context

2.1 The NPPF provides clear guidance on delivering housing and other growth and devising strategies to facilitate that growth. It places the presumption in favour of sustainable development at the heart of the planning system (paragraph 14). In brief it advises:

Paragraph 6 and 7

- The purpose of the planning system is to contribute to the achievement of sustainable development. There are 3 dimensions to sustainable development; economic, social and environmental.

Paragraph 17

- Actively manage patterns of growth to make the fullest possible use of public transport, walking and cycling, and focus significant development in locations which are or can be made sustainable

Paragraph 28

- Promote the retention and development of local services and community facilities in villages, such as local shops, meeting places, sports venues, cultural buildings, public houses and places of worship

Paragraph 30

Encouragement should be given to solutions which support reductions in greenhouse gas emissions and reduce congestion. In preparing Local Plans, local planning authorities should therefore support a pattern of development which, where reasonable to do so, facilitates the use of sustainable modes of transport.

Paragraph 70

- Ensure that established shops, facilities and services are able to develop and modernise in a way that is sustainable, and retained for the benefit of the community; and
- Ensure an integrated approach to considering the location of housing, economic uses and community facilities and services

3.0 The study

- 3.1 The results of the study will feed into the final development strategy for the borough. The development strategy and settlement hierarchy differ in their purpose and whilst the settlement hierarchy is an important part of forming the development strategy, it is not the only consideration. The settlement hierarchy allows us to see where current facilities and services are located in the settlements around the borough. Other considerations such as the location of potential development sites, the capacity of roads and the scale of development required are considered when forming the development strategy.
- 3.2 In order to gather the information about the level of current provision, all of the rural Parish Councils in Bedford Borough were asked to complete a questionnaire about the services and facilities that exist in their parish, and this was split by individual villages, ends and hamlets within the parishes. The information was gathered during July and August 2014. A copy of the questionnaire can be found at Appendix 1. The questionnaire was pre-populated with the information that the Council knew about from desk based searches and local information and the Parish Council were asked to amend or add in new information. Responses from every Parish Council were received. The information they provided was entered into a spreadsheet and each settlement has been 'scored' according to the methodology which is set out in Figure 1.
- 3.3 A consultation was held in 2015 to invite comments on the emerging plan strategy and a range of evidence base documents. The draft Settlement Hierarchy and scoring methodology was one of those documents. As a result of the comments received amendments were made to the scores, both where it became apparent the provision of facilities had changed and where inaccuracies or inconsistencies had been identified. For example, Clapham received additional points for the Tesco shop and ATM that had opened since the scoring was last calculated and Milton Ernest received additional points for a general store because of the convenience goods available in its garden centre. The methodology itself was also amended following the consultation to include a score for a return bus journey from the town centres to the rural settlements to address the point that a one way bus journey to reach town centres was not an adequate measure of accessibility.

Scoring methodology

- 3.4 Consideration was given to the types of services and facilities which should be assessed in combination to provide an indicator of the degree of access to transport, services and community facilities. Key services are those we consider are important to everyday life: a regular bus service, a post office, a general store, a primary school, a GP or health centre and community / parish hall. The scoring has been undertaken on the basis of the information that was collected in 2014 and updated in 2015. For the purposes of this study, no assumption has been made about anticipated services in new developments such as Wixams. More detail on how the scoring has been applied can be found at Appendix 2.

3.5 Figure 1 below gives the amended scoring methodology.

Figure 1 – Services and facilities – points allocated and identification of key services

Service / facility	Notes	Points
Bus service (key)	Bus service providing 30min or less journey to a Town Centre (Bedford, St Neots, Rushden) with the service starting after 7am and arriving by 9am.	4
	Bus service providing 31min – 40 min journey to a Town Centre (Bedford, St Neots, Rushden) with the service starting after 7am and arriving by 9am.	2
	Bus service providing 30min or less journey from a Town Centre (Bedford, St Neots, Rushden) to settlement with the service starting after 5pm and arriving by 7pm	4
	Bus service providing 31min – 40 min journey from a Town Centre (Bedford, St Neots, Rushden) to settlement with the service starting after 5pm and arriving by 7pm	2
Post office (key)	Permanent	8
	Mobile PO	4
Primary or lower school (key)	Considered to be more a measure of sustainability of the settlement than middle /upper /secondary	8
General store (key)	Selling milk, bread etc.	8
GP / health centre (key)		8
	If a branch surgery with reduced hours (e.g. Wilstead)	4
Community centre/ parish hall/ village hall (key)	Or if a shared facility (e.g. school hall only available after 6.30pm in Carlton)	8
		4
Banks		4
ATM	Not including ATMs within shops etc.	4
Chemist		4
Other shops	Between 1 and 3 shops	4
	Between 4 and 6 shops	6
	More than 6 shops	8

Supermarket	If one of the 'other shops' is a supermarket it scores an additional point	1
Secondary/ middle/ upper school	Score less than primary/ lower school due to catchment areas, pupils often bussed to school	4
Library	Permanent	4
	Mobile	2
Leisure	Open space	4
	Equipped play	4
	Bowling green – not incl mats in a village hall	4
	Allotments	4
PH without food		4
PH with food or restaurant		4
Church or place of worship		4

4.0 Establishing an approach to ranking settlements in terms of services and facilities

4.1 Having scored the settlements on the basis of the methodology set out in Figure 1 and Appendix 2, the settlements have been ranked in six different ways by including and excluding different services through an iterative process. The purpose of this was to see if the inclusion or exclusion of specific facilities had a bearing on the order of settlements. Each of the iterations is described below and the resultant tables are gathered into Appendix 3.

4.2 Iteration 1 Total score

Appendix 3, Table 1 lists the settlements in order of their **total** score. The total score includes all of the facilities listed in Figure 1 above. The highest scoring settlements, in order of score were Wootton, Bromham, Clapham, Sharnbrook, Great Barford, Harrold, Wilstead, Shortstown.

4.3 Iteration 2 How settlements could work together – all services

In Appendix 3, **Table 2** assumptions have been made about **grouping settlements** depending on whether they have the potential to operate as a 'group' of settlements which is geographically sensible. These include Kempston Rural, Renhold, Wootton (excl. Bourne End), Little Staughton and Top End, Felmersham and Radwell. The highest scoring settlements are the same as those in Table 1. Shortstown goes to the top of the list from 8th position as a result of being combined with Cotton End. Wootton, Sharnbrook, Bromham, Clapham, Great Barford, Harrold and Wilstead follow but in a slightly different order, with Sharnbrook placing 3rd as a result of being combined with Coffle End.

4.4 It is no great surprise but interesting nonetheless to note that there are no high scoring settlements in the north east quadrant of the Borough (between the A6, A1 and A421) other than Riseley which scores 60 (number 13 in the chart). However when Renhold and Salph End are combined, that combined settlement moves up the list to number 11.

4.5 Iteration 3 Key services excluding GPs

A further iteration of the scoring information removes GPs from the scoring. This is to take into consideration the possibility that in the future Clinical Commissioning Groups may encourage the centralising of health services particularly in rural areas. This iteration assumes therefore that the presence of a GP should not contribute towards the scoring. Appendix 3 **Table 3** scores the settlements on the basis of the remaining **key services only** (bus, post office, general store, primary school, and community centre/hall) and this shows Bromham, Clapham, Great Barford, Milton Ernest, Oakley, Sharnbrook, Shortstown, Willington, Wilstead and Wootton all score 40 (which is the maximum).

4.6 Iteration 4 All services excluding GPs

How do settlements perform when **all services** except GPs are included? There is a finer grain in scoring demonstrated in this iteration. Appendix 3 **Table 4** illustrates this and shows that Shortstown moves down out of the top 8, with Oakley appearing at number 8. Those settlements with a strong score for the non-key services are pushed up the table.

4.7 School capacity

A separate work stream was undertaken looking at school capacity through discussions with Education and assessing in detail the numbers on roll, additional pupils expected / anticipated from development under construction. It also looked at the school sites themselves and their ability to accommodate additional classrooms. From this it is clear that the presence of a school does not mean that there is any ability to accommodate additional pupil numbers on that site. School capacity is an important factor in considering whether a settlement is suitable for further development and the assessment of school capacity has been taken into account separately as the plan's strategy has been developed and settlements have been considered for future growth. Figure 1 above explains the scores that have been assigned for the presence of primary and lower schools in iterations 1-4. The next iterations therefore considered what difference removing school elements from the hierarchy / scorings would make.

4.8 Iteration 5 Key services excluding schools and GPs

Appendix 3 **Table 5** looks at 4 Key Services which are bus service, post office, convenience store and village / community hall. (GPs continue to be excluded for reasons mentioned earlier). Bromham, Clapham, Great Barford, Sharnbrook, Shortstown, Wilstead and Wootton (consistently in the top 8 settlements) score the maximum 32 points, however, interestingly Oakley, Willington and Milton Ernest also score the maximum. Turvey scores 30, 2 points off the maximum. Given this measure is only based on four key services it is understandable that more settlements would reach the same number of points. This group of services is considered to be too limited to provide a useful measure of accessibility.

4.9 Iteration 6 All services excluding schools and GPs

To try to consider a wider range of services, a similar table was produced (Appendix 3, Table 6) which looks at all services except GPs and school buildings. The highest scoring settlements are Bromham, Clapham, Wootton, Sharnbrook, Wilstead and Great Barford.

5.0 Conclusion to the ranking exercise and moving towards a rural settlement hierarchy

- 5.1 The conclusion to the ranking exercise is that Iteration 6 is considered to be the most robust because it takes account of both accessibility and as much information as possible about service provision but does not place undue emphasis on school or GP provision. This preferred ranking of settlements does not however in itself constitute a settlement hierarchy.
- 5.2 In order to move to a settlement hierarchy it is necessary to consider whether all of the places assessed in the services and facilities ranking exercise should be included in the hierarchy itself. The ranking exercises imposed no threshold on the size of the places included but in defining tiers of settlements a judgement needs to be made about a threshold level at which places would be generally recognised as settlements. A number of the hamlets and Ends have less than 50 dwellings and would therefore in most cases be unlikely to have a population much in excess of 100 residents. For the purpose of establishing a settlement hierarchy, where the facilities audit also shows that places have no facilities, they are not included as settlements and are excluded from the proposed hierarchy.
- 5.3 The next step is to consider the appropriate grouping of settlements in the hierarchy. At this stage the outcome of the ranking iteration exercise has been used to form four groupings of settlements. These are shown in Figure 2.
- 5.4 The iteration process described in this paper shows that Bromham, Clapham, Great Barford and Sharnbrook consistently ranked amongst the top six settlements despite changes to the scoring method. Wootton is a larger village and has a wide range of services and facilities. For this reason it scores better in the iterations that include a broader range of services and as a result is third in the final hierarchy. Wilstead also has a wide range of services so scores well in the final hierarchy. These six settlements make up Group 1.
- 5.5 Group 2 is made up of ten settlements that for the most part make up the next highest scorers across all iterations (in other words that are placed in the top 16), though their score and place in the hierarchy changes depending on the facilities that are included. The exception to this is iteration 2 where the approach of combining scores pushes Carlton and Chellington, Wixams and Roxton further down the list because they have no nearby settlements to combine with. All the other iterations place them in the second grouping.
- 5.6 The remainder of the settlements are divided into Groups 3 and 4 with the break at 20 points. Looking down the list from the top of Group 3 this is the first place where there is a clear 4 point break. For the most part the settlements in Group 3 have a Settlement Policy Area boundary (SPA) and those in Group 4 don't but this is not strictly the case. Some settlements that do not have a main built up area (in other words have a dispersed pattern of settlement) have better facilities than others where the pattern of development means a main built up area, and therefore a SPA, can be defined. Examples are Wyboston and

Ravensden Crossroads where their accessibility to services and facilities scores place them in Group 3 even though they have no SPA. Church End Renhold and Souldrop on the other hand have SPAs but few facilities so based on scores alone fall in Group 4.

- 5.7 Whilst this assessment provides a ranking of settlements based on the information collected about accessibility to services and facilities there are other considerations to be taken into account when developing the local plan strategy and these are explained in the Development Strategy and Site Assessment Methodology Background Paper.

Figure 2: Rural Settlement Hierarchy

rank	Group 1	score
1	Bromham	75
1	Clapham incl Clapham Green	75
3	Wootton incl Keeley Green	72
4	Sharnbrook	67
5	Wilstead incl Littleworth and Duck End	66
6	Great Barford incl Green End	62
	Group 2	
7	Harrold	59
8	Oakley	58
9	Turvey	56
10	Shortstown	55
11	Willington	54
12	Milton Ernest	50
13	Carlton & Chellington	48
13	Stewartby	48
15	Wixams	47
16	Roxton	46
	Group 3	
17	Riseley incl Top End	42
18	Stagsden	40
19	Cardington incl Chapel End	38
19	Felmersham	38

19	Pavenham	38
22	Colmworth incl Church End	36
23	Cople incl Water End	34
23	Cotton End	34
23	Podington	34
23	Stevington Park, West & church	34
23	Thurleigh incl Church End	34
23	Wymington incl Little Wymington	34
29	Wilden incl East and Sevick	32
30	Upper Dean	30
30	Yelden	30
32	Bletsoe	28
32	Ravensden incl Church End	28
34	Little Staughton inc Green End	26
34	Ravensden cross roads	26
34	Salph End Renhold	26
34	Wyboston	26
38	Keysoe Row incl London End	24
38	Odell	24
	Group 4	
40	Bolnhurst	20
40	Church End Renhold	20
41	Duloe incl Duloe Butts	16

41	Melchbourne	16
41	Souldrop	16
44	Pertenhall inc Wood Green & Chadwell	14
44	Swineshead	14
46	Kempston Church End	12
46	Kempston Hardwick	12
46	Little Staughton Top End	12
49	Colesden	10
49	Radwell	10
49	Turvey Station	10
52	Chawston	8
52	Cleat Hill	8
52	Gibraltar Corner	8
52	Green End Renhold	8
52	Harrowden	8
52	Kempston Wood End	8
52	Wootton Green	8
59	Farndish	4
59	Hinwick	4
59	Kempston Box End	4
59	Keysoe incl Brook End	4
59	Knotting	4
59	Scald End Thurleigh	4
59	Shelton	4
59	West End Little Staughton	4
59	Wood End Ravensden	4
68	Hatch End	2
68	Staploe	2

Appendix 1 Example of questionnaire sent to Parish Councils

The following table outlines the known existing facilities within the settlement. We would be grateful if you could check these are correct, make amendments where necessary and add anything additional.

Settlement	Bromham
Parish	Bromham
PART 1	Please amend where necessary.
Post office	Mollivers
Banks	Mollivers Cost cutter ATM Budgens ATM
ATM	Costcutter, Molivers. Budgens.
General store	Costcutter Molivers Costcutter Berry Drive SPAR in PFS
Other shops	Fish & chip shop
Supermarket	Budgens
Garage / filling station	BP with SPAR
Primary / lower school	Bromham C of E VC Lower School
Secondary School / Middle school / Upper school	
Further education i.e. 6 th form or college	
GP /Health centre	Y
Library including mobile library	Springfield Drive
Public houses (no food)	
Restaurants / PH serving food /cafes	The Swan PH;

	The Prince of Wales PH; Café at Bromham Mill
Community centre / parish or village hall	Village hall
Local businesses (visited by the public)	Molivers
B & B, Hotel or holiday homes	
Church or place of worship	St Owen's Church; Bromham Baptist Church.
Other services / facilities	cricket pitch

For any new or amended entries please include address where relevant and mark on the attached map.

PART 2		Ownership: Borough Council; Parish Council; or Private?
Open / green spaces with public access		
Equipped children's play area	Chestnut Av, Browning Close, MUGA on village playing field, outdoor gym equipment behind Village Hall. Equipped play adj Mollivers Lane shops	
Sports Hall -indoor		
Bowling Green – outdoor and indoor	indoors Village Hall	
Allotments	Lower Farm Road	

Appendix 2 Scoring methodology

For each service (other than shops) the presence of that type of service was all we were looking for, rather than the frequency.

So for example Bromham has 2 ATMs but it only scores the 4 points once. General store – Bromham only scores the 8 points once even though there are 3 in the village. However, the other 2 have been included in the 'other shops' category.

A chemist wasn't considered a key facility but an attribute that could be worth more than contributing to the 'other shops' category due to its specialist nature. Having a supermarket was also considered to need some recognition that the larger populations can sustain a supermarket and so an additional 1 point is allocated.

How 'other shops' have been scored

Examples

Bromham

General store Mollivers scored 8

Berry Drive general store and Spar petrol station = 2 shops

Hairdresser + fish and chips = 2 shops total 6 points for other shops.

Clapham

Nisa convenience store so scored 8 points

Additionally Spar and Samra stores = 2 shops

Hairdresser + barbers + florist + Chinese + Indian + fish and chips = 6. 8 other shops in total. So 8 points for other shops.

Open Spaces

If a settlement had an open space which included village greens and recreation grounds, it scored 4 points. There was no cumulative scoring if there was more than one facility in the settlement.

Equipped play areas scored 4 points. There were no criteria as to the size and quality of the play area, but rather just the presence of the facility. If there was a dedicated bowling green, it scored 4 points.

Allotments scored 4 points.

Bus services

Bus services have been scored on travel time to and from a Town Centre (Bedford, Rushden or St Neots). If the village is within 30 mins ride of a Town Centre and leaves the village after 7am and reaches the Town Centre by 9am, it scores 4. If the journey takes between 31 and 40 mins it scores 2. Over 40 mins scores 0. If the service leaves the village before 7am or arrives at the Town Centre after 9am it scores 0. This is to recognise the ability to travel to work by bus. Likewise if a journey from a Town Centre to a village is within 30 minutes and leaves the town after 5pm and reaches the village by 7pm, it scores 4. Journeys between 31 and 40 minutes score 2 and over 40 minutes score 0. The maximum achievable score in this category is 8 – where journeys from and to a village fall within 30 minutes and within the time parameters specified. This was considered the most consistent way to measure and score the presence of a bus service. There are examples throughout the borough of the frequency of daily bus services changing throughout the day. To be able to compare settlements in forming a hierarchy, the service measured needed to be consistent.

As a result of combining settlements (Appendix 3 Table 2), there is no skewing of scoring in terms of double counting shops because the settlements in question do not contain many shops, however there is an issue with the bus service scoring. Therefore for Wootton, Felmersham & Radwell, and Keysoe Row there was the potential for including a double bus service score so the duplication has been removed. For example: Felmersham scores 8 for bus service and Radwell also scores 8. If the settlements were to be considered as one settlement they would only receive the score once.

Appendix 3 Iteration tables in score order

Table 1 – Iteration 1 – Total score of all services								
1	Wootton incl Keeley Green & Hall End	92	34	Bletsoe	28	66	Hinwick	4
2	Bromham	91	34	Church End Renhold	28	66	Kempston Box End	4
2	Clapham incl Clapham Green	91	36	Little Staughton inc Green End	26	66	Keysoe incl Brook End	4
4	Sharnbrook	87	36	Ravensden cross roads	26	66	Knotting	4
5	Great Barford incl Green End	82	36	Salph End Renhold	26	66	Scald End Thurleigh	4
6	Harrold	79	36	Wyboston	26	66	Sevick End Wilden	4
7	Wilstead incl Littleworth and Duck End	78	40	Odell	24	66	Shelton	4
8	Shortstown	71	41	Bolnhurst	20	66	West End Little Staughton	4
9	Oakley	70	41	Kempston Church End	20	66	West End Stevington	4
10	Turvey	64	43	Chapel End Colmworth	16	66	Wood End Ravensden	4
11	Willington	62	43	Coffle End	16	77	Hatch End	2
12	Stewartby	60	43	Duloe incl Duloe Butts	16	77	Staploe	2
13	Milton Ernest	58	43	Melchbourne	16	77	Water End Cople	2
14	Carlton & Chellington	56	43	Souldrop	16	80	Backnoe End, Thurleigh	0
15	Wixams	55	43	Pavenham Park Homes	16	80	Bourne End, Bletsoe	0
16	Riseley incl Top End	54	49	Pertenhall incl Wood Green & Chadwell	14	80	Bourne End, Wootton	0
16	Roxton	54	49	Swineshead	14	80	Bury End, Stagsden	0
18	Felmersham	46	51	Kempston Hardwick	12	80	Channel's End	0
19	Cople incl Water End	42	51	Little Staughton Top End	12	80	Cross End, Thurleigh	0
19	Cotton End	42	53	Colesden	10	80	Herring's Green	0
19	Podington	42	53	Radwell	10	80	Hillgrove nr Howbury Hall	0
19	Thurleigh incl Church End	42	53	Turvey Station	10	80	Honeydon	0
19	Wymington incl Little Wymington	42	53	West of Bromham Parklands Mansion	10	80	Kempston Green End	0
24	Stagsden	40	57	Chawston	8	80	Kempston West End	0
24	Wilden incl East and Sevick	40	57	Cleat Hill	8	80	Knotting Green	0
26	Cardington incl Chapel End	38	57	Emmaus Village	8	80	Little Barford	0
26	Pavenham	38	57	Gibraltar Corner	8	80	Little Odell	0
26	Upper Dean	38	57	Green End Renhold	8	80	Lower Dean	0
29	Colmworth incl Church End	36	57	Harrowden	8	80	North End Bletsoe	0
29	Ravensden incl Church End	36	57	Kempston Wood End	8	80	North End Stagsden	0
31	Stevington Park, West & church	34	57	Wootton Green	8	80	Shrubbery Farm Wilden	0
32	Keysoe Row incl London End	32	65	Rootham's Green Colmworth	6	80	Upper Staploe	0
33	Yelden	30	66	Farndish	4	80	West End Stagsden	0

Table 2 – Iteration 2 – In score order with some settlements combined

1	Shortstown & Cotton End	113	24	Wilden	38	50	West End Stevington	4
2	Wootton exc Bourne End	108	24	Wymington	38	60	Staploe incl Upper Staploe	2
3	Sharnbrook incl Coffle End	103	32	Ravensden incl Church End	36	60	Water End Cople	2
4	Bromham	91	33	Keysoe Row incl London End and Hatch End	34	62	Bourne End Bletsoe	0
4	Clapham incl Clapham Green	91	33	Little Staughton inc Green End and Top End	34	62	Colmworth Channel's End	0
6	Great Barford incl Green End	82	35	Bletsoe	30	62	Harrowden	0
7	Harrold	79	35	Stevington Park West & Church	30	62	Hatch End Bolnhurst	0
8	Wilstead	78	35	Yelden	30	62	Herring's Green	0
9	Oakley	70	38	Ravensden Cross Roads	26	62	Hillgrove nr Howbury Hall	0
10	Turvey	66	39	Bolnhurst	22	62	Honeydon	0
11	Renhold incl Green, Church & Salph End	62	39	Odell	22	62	Little Barford	0
11	Stewartby	62	41	Duloe incl Duloe Butts	16	62	Little Odell	0
13	Riseley incl Top End	60	41	Melchbourne	16	62	Little Staughton West End	0
14	Willington	58	41	Souldrop	16	62	Lower Dean	0
14	Milton Ernest	58	41	Pavenham Park Homes	16	62	North End Bletsoe	0
16	Felmersham & Radwell	56	45	Pertenhall incl Wood Green & Chadwell	14	62	Ravensden Cleat Hill	0
17	Wixams	55	45	Swineshead	14	62	Ravensden Wood End	0
18	Carlton and Chellington	54	47	West of Bromham Parklands Mansion	10	62	Stagsden Bury End	0
18	Roxton	54	48	Emmaus Village	8	62	Stagsden North End	0
20	Wyboston Colesden and Chawston	44	49	Rootham's Green Colmworth	6	62	Stagsden West End	0
21	Cople	42	50	Farndish	4	62	Thurleigh Backnoe End	0
22	Kempston Rural	40	50	Hinwick	4	62	Thurleigh Cross End	0
22	Stagsden	40	50	Kempston Hardwick	4	62	Wilden Shrubbery Farm	0
24	Cardington incl Chapel End	38	50	Keysoe incl Brook End	4	62	Wootton Bourne End	0
24	Colmworth Church End	38	50	Knotting and Knotting Green	4			
24	Pavenham	38	50	Sevick End Wilden	4			
24	Podington	38	50	Shelton	4			
24	Thurleigh Church End	38	50	Thurleigh Scald End	4			
24	Upper Dean	38	50	Turvey Station	4			

Grey highlighted settlements are those which have been combined for the purposes of this table

Table 3 – Iteration 3 – Key services only (excluding GPs)

1	Bromham	40	30	Pavenham Park Homes	16	63	West of Bromham Parklands Mansion	2
1	Clapham	40	30	Ravensden cross roads	16	68	Backnoe End, Thurleigh	0
1	Great Barford incl Green End	40	30	Stagsden	16	68	Bourne End, Bletsoe	0
1	Milton Ernest	40	30	Wyboston	16	68	Bourne End, Wootton	0
1	Oakley	40	38	Little Staughton Top End	12	68	Bury End, Stagsden	0
1	Sharnbrook inc Coffle End	40	38	Podington	12	68	Channel's End	0
1	Shortstown	40	38	Stevington Park, West & church	12	68	Chawston	0
1	Willington	40	41	Bletsoe	10	68	Cross End, Thurleigh	0
1	Wilstead incl Littleworth and Duck End	40	41	Bolnhurst	10	68	Emmaus Village	0
1	Wootton incl Keeley Green	40	41	Odell	10	68	Farndish	0
11	Turvey	38	44	Cleat Hill	8	68	Herring's Green	0
12	Harrold	36	44	Coffle End	8	68	Hillgrove nr Howbury Hall	0
13	Carlton & Chellington	34	44	Colesden	8	68	Hinwick	0
14	Roxton	32	44	Duloe incl Duloe Butts	8	68	Honeydon	0
14	Wixams	32	44	Gibraltar Corner	8	68	Kempston Box End	0
16	Stewartby	30	44	Harrowden	8	68	Kempston Green End	0
17	Riseley incl Top End	26	44	Kempston Hardwick	8	68	Kempston West End	0
18	Cople incl Water End	24	44	Little Staughton inc Green End	8	68	Kempston Wood End	0
18	Cotton End	24	44	Melchbourne	8	68	Keysoe incl Brook End	0
18	Felmersham	24	44	Pertenhall incl Wood Green & Chadwell	8	68	Knotting	0
18	Ravensden incl Church End	24	44	Radwell	8	68	Knotting Green	0
18	Thurleigh incl Church End	24	44	Souldrop	8	68	Little Barford	0
23	Wilden incl East and Sevick	22	44	Swineshead	8	68	Little Odell	0
24	Church End Renhold	20	44	Wootton Green	8	68	Lower Dean	0
24	Salph End Renhold	20	44	Yelden	8	68	North End Bletsoe	0
24	Upper Dean	20	59	Turvey Station	6	68	North End Stagsden	0
24	Wymington incl Little Wymington	20	60	West End Little Staughton	4	68	Scald End Thurleigh	0
28	Colmworth incl Church End	18	60	West End Stevington	4	68	Shelton	0
28	Keysoe Row incl London End	18	60	Wood End Ravensden	4	68	Shrubbery Farm Wilden	0
30	Cardington incl Chapel End	16	63	Green End Renhold	2	68	Staploe	0
30	Chapel End Colmworth	16	63	Hatch End	2	68	Upper Staploe	0
30	Kempston Church End	16	63	Roothams Green Colmworth	2	68	Water End Cople	0
30	Pavenham	16	63	Sevick End Wilden	2	68	West End Stagsden	0

Table 4 – Iteration 4 – All services (excluding GPs)

1	Wootton incl Keeley Green & Hall End	88	34	Yelden	30	65	Kempston Box End	4
2	Bromham	87	35	Bletsoe	28	65	Keysoe incl Brook End	4
2	Clapham	87	36	Little Staughton inc Green End	26	65	Knotting	4
4	Sharnbrook inc Coffle End	83	36	Ravensden cross roads	26	65	Scald End Thurleigh	4
5	Wilstead incl Littleworth and Duck End	78	36	Salph End Renhold	26	65	Sevick End Wilden	4
6	Great Barford incl Green End	74	36	Wyboston	26	65	Shelton	4
7	Harrold	71	40	Kempston Church End	24	65	West End Little Staughton	4
8	Oakley	70	40	Odell	24	65	West End Stevington	4
9	Turvey	68	42	Bolnhurst	20	65	Wood End Ravensden	4
10	Shortstown	67	43	Chapel End Colmworth	16	76	Hatch End	2
11	Willington	66	43	Coffle End	16	76	Staploe	2
12	Stewartby	64	43	Duloe incl Duloe Butts	16	76	Water End Cople	2
13	Milton Ernest	62	43	Melchbourne	16	77	Backnoe End, Thurleigh	0
14	Carlton & Chellington	60	43	Pavenham Park Homes	16	77	Bourne End, Bletsoe	0
15	Wixams	59	43	Souldrop	16	77	Bourne End, Wootton	0
16	Roxton	58	49	Pertenhall incl Wood Green & Chadwell	14	77	Bury End, Stagsden	0
17	Riseley incl Top End	54	49	Swineshead	14	77	Channel's End	0
18	Felmersham	50	51	Kempston Hardwick	12	77	Cross End, Thurleigh	0
19	Cople incl Water End	46	51	Little Staughton Top End	12	77	Emmaus Village	0
19	Cotton End	46	53	Colesden	10	77	Herring's Green	0
19	Thurleigh incl Church End	46	53	Radwell	10	77	Hillgrove nr Howbury Hall	0
19	Wymington incl Little Wymington	46	53	Turvey Station	10	77	Honeydon	0
23	Wilden incl East and Sevick	44	53	West of Bromham Parklands Mansion	10	77	Kempston Green End	0
24	Podington	42	57	Chawston	8	77	Kempston West End	0
25	Ravensden incl Church End	40	57	Cleat Hill	8	77	Knotting Green	0
25	Stagsden	40	57	Gibraltar Corner	8	77	Little Barford	0
27	Cardington incl Chapel End	38	57	Green End Renhold	8	77	Little Odell	0
27	Pavenham	38	57	Harrowden	8	77	Lower Dean	0
27	Upper Dean	38	57	Kempston Wood End	8	77	North End Bletsoe	0
30	Colmworth incl Church End	36	57	Wootton Green	8	77	North End Stagsden	0
30	Keysoe Row incl London End	36	64	Rootham's Green	6	77	Shrubbery Farm Wilden	0
32	Stevington Park, West & church	34	65	Farndish	4	77	Upper Staploe	0
33	Church End Renhold	32	65	Hinwick	4	77	West End Stagsden	0

Table 5 – Iteration 5 – Key Service (excluding schools and GPs)

1	Bromham	32	33	Little Staughton Top End	12	63	West of Bromham Parklands Mansion	2
1	Clapham	32	33	Stevington Park, West & church	12	68	Backnoe End, Thurleigh	0
1	Great Barford incl Green End	32	33	Upper Dean	12	68	Bourne End, Bletsoe	0
1	Milton Ernest	32	33	Wymington incl Little Wymington	12	68	Bourne End, Wootton	0
1	Oakley	32	38	Bletsoe	10	68	Bury End, Stagsden	0
1	Sharnbrook inc Coffle End	32	38	Bolnhurst	10	68	Channel's End	0
1	Shortstown	32	38	Keysoe Row incl London End	10	68	Chawston	0
1	Willington	32	38	Odell	10	68	Cross End, Thurleigh	0
1	Wilstead incl Littleworth and Duck End	32	42	Cleat Hill	8	68	Emmaus Village	0
1	Wootton incl Keeley Green	32	42	Coffle End	8	68	Farndish	0
11	Turvey	30	42	Colesden	8	68	Herring's Green	0
12	Harrold	28	42	Duloe incl Duloe Butts	8	68	Hillgrove nr Howbury Hall	0
13	Carlton & Chellington	26	42	Gibraltar Corner	8	68	Hinwick	0
14	Roxton	24	42	Harrowden	8	68	Honeydon	0
14	Wixams	24	42	Kempston Church End	8	68	Kempston Box End	0
16	Stewartby	22	42	Kempston Hardwick	8	68	Kempston Green End	0
17	Salph End Renhold	20	42	Little Staughton inc Green End	8	68	Kempston West End	0
18	Colmworth incl Church End	18	42	Melchbourne	8	68	Kempston Wood End	0
18	Riseley incl Top End	18	42	Pertenhall incl Wood Green & Chadwell	8	68	Keysoe incl Brook End	0
20	Cardington incl Chapel End	16	42	Radwell	8	68	Knotting	0
20	Chapel End Colmworth	16	42	Souldrop	8	68	Knotting Green	0
20	Cople incl Water End	16	42	Swineshead	8	68	Little Barford	0
20	Cotton End	16	42	Wootton Green	8	68	Little Odell	0
20	Felmersham	16	42	Yelden	8	68	Lower Dean	0
20	Pavenham	16	58	Turvey Station	6	68	North End Bletsoe	0
20	Pavenham Park Homes	16	59	Podington	4	68	North End Stagsden	0
20	Ravensden cross roads	16	59	West End Little Staughton	4	68	Scald End Thurleigh	0
20	Ravensden incl Church End	16	59	West End Stevington	4	68	Shelton	0
20	Stagsden	16	59	Wood End Ravensden	4	68	Shrubbery Farm Wilden	0
20	Thurleigh incl Church End	16	63	Green End Renhold	2	68	Staploe	0
20	Wyboston	16	63	Hatch End	2	68	Upper Staploe	0
32	Wilden incl East and Sevick	14	63	Rootham's Green	2	68	Water End Cople	0
33	Church End Renhold	12	63	Sevick End	2	68	West End Stagsden	0

Table 6 – Iteration 6 – All services (excluding schools and GPs)

1	Bromham	75	34	Little Staughton inc Green End	26	65	Kempston Box End	4
1	Clapham	75	34	Ravensden cross roads	26	65	Keysoe incl Brook End	4
3	Wootton incl Keeley Green	72	34	Salph End Renhold	26	65	Knotting	4
4	Sharnbrook inc Coffle End	67	34	Wyboston	26	65	Scald End Thurleigh	4
5	Wilstead incl Littleworth and Duck End	66	38	Keysoe Row incl London End	24	65	Sevick End	4
6	Great Barford incl Green End	62	38	Odell	24	65	Shelton	4
7	Harrold	59	40	Bolnhurst	20	65	West End Little Staughton	4
8	Oakley	58	40	Church End Renhold	20	65	West End Stevington	4
9	Turvey	56	42	Chapel End Colmworth	16	65	Wood End Ravensden	4
10	Shortstown	55	42	Coffle End	16	76	Hatch End	2
11	Willington	54	42	Duloe incl Duloe Butts	16	76	Staploe	2
12	Milton Ernest	50	42	Melchbourne	16	76	Water End Cople	2
13	Carlton & Chellington	48	42	Pavenham Park Homes	16	79	Backnoe End, Thurleigh	0
13	Stewartby	48	42	Souldrop	16	79	Bourne End, Bletsoe	0
15	Wixams	47	48	Pertenhall incl Wood Green & Chadwell	14	79	Bourne End, Wootton	0
16	Roxton	46	48	Swineshead	14	79	Bury End, Stagsden	0
17	Riseley incl Top End	42	50	Kempston Church End	12	79	Channel's End	0
18	Stagsden	40	50	Kempston Hardwick	12	79	Cross End, Thurleigh	0
19	Cardington incl Chapel End	38	50	Little Staughton Top End	12	79	Emmaus Village	0
19	Felmersham	38	53	Colesden	10	79	Hillgrove nr Howbury Hall	0
19	Pavenham	38	53	Radwell	10	79	Herring's Green	0
22	Colmworth incl Church End	36	53	Turvey Station	10	79	Honeydon	0
23	Cople incl Water End	34	53	West of Bromham Parklands	10	79	Kempston Green End	0
23	Cotton End	34	57	Chawston	8	79	Kempston West End	0
23	Podington	34	57	Cleat Hill	8	79	Knotting Green	0
23	Stevington Park, West & church	34	57	Gibraltar Corner	8	79	Little Barford	0
23	Thurleigh incl Church End	34	57	Green End Renhold	8	79	Little Odell	0
23	Wymington incl Little Wymington	34	57	Harrowden	8	79	Lower Dean	0
29	Wilden incl East and Sevick	32	57	Kempston Wood End	8	79	North End Bletsoe	0
30	Upper Dean	30	57	Wootton Green	8	79	North End Stagsden	0
30	Yelden	30	64	Roothams Green	6	79	Shrubbery Farm Wilden	0
32	Bletsoe	28	65	Farndish	4	79	Upper Staploe	0
32	Ravensden incl Church End	28	65	Hinwick	4	79	West End Stagsden	0

Colmworth incl Church End	Colmworth	36	6	2	4	4	4								0				2	2	24	4	4	Indoor bowling at village hall	8		4	4	
Rootham's Green	Colmworth	6	2	2	0	0									0				0	0	4						4		
Chapel End	Colmworth	16	8	4	4	0									0				0	0	8				8				
Cople incl Water End	Cople	42	8	4	4	0									8	8			2	2	24	4	4		8		4	4	
Water End Cople	Cople	2	0	0	0	0									0				2	2	0								
Lower Dean	Dean & Shelton	0	0	0		0									0				0		0								
Shelton	Dean & Shelton	4	0	0		0									0				0		4				upper dean			4	
Upper Dean	Dean & Shelton	38	0	0		4	4								8	8			2	2	24	4	4		8		4	4	
Cotton End	Eastcotts	42	8	4	4	0									8	8			2	2	24	4	4		8	4		4	
Harrowden	Eastcotts	8	8	4	4	0									0				0		0								
Herring's Green	Eastcotts	0	0	0		0									0				0		0								
Shortstowen	Eastcotts	71	8	4	4	29	8		4	8	4	4	1		8	8			10	8	2	16	4	4		8			
Elstow	Elstow	50	8	8		8	8								8	8			2	2	24	4	4		8		4	4	
Felmersham	Felmersham	46	8	4	4	0									8	8			2	2	28	4	4		4	8	4		4
Radwell	Felmersham	10	8	4	4	0									0				2	2	0				Felmersham				
Great Barford incl Green End	Great Barford	82	8	8		20	8		8		4				12	8		4	10	8	2	32	4	4	4	8		4	4
Great Denham	Great Denham	24	0			4			4						8	8			8	8	4		4	to be provided shortly					
Harrold	Harrold	79	4	0	4	21	8		8		4	1			12	8		4	10	8	2	32	4	4	4	8		4	4
Gibraltar Corner	Kempston Rural	8	8	4	4	0									0				0		0								
Kempston Box End	Kempston Rural	4	0	0		0									0				0		4						4		
Kempston Church End	Kempston Rural	20	0	0		0									8	8			0		12				8			4	
Kempston Green End	Kempston Rural	0	0	0		0									0				0		0								
Kempston West End	Kempston Rural	0	0	0		0									0				0		0								

Kempston Wood End	Kempston Rural	8	0	0		0						0			0		8		4				4		
Knotting	Knotting & Souldrop	4	0	0		0						0			0		4							4	
Knotting Green	Knotting & Souldrop	0	0	0		0						0			0		0								
Souldrop	Knotting & Souldrop	16	0	0		0					Shell on A6	0			0		16				8		4	4	
Little Barford	Little Barford	0	0			0						0			0		0								
Little Staughton inc Green End	Little Staughton	26	0	0		0						0			2	2	24	4	4			8	4	4	
Little Staughton Top End	Little Staughton	12	4	0	4	8			8			0			0		0								
West End Little Staughton	Little Staughton	4	4	0	4	0						0			0		0								
Melchbourne	Melchbourne & Yelden	16	0	0	0	0						0			0		16				8		4	4	
Yelden	Melchbourne & Yelden	30	0	0		0						0			2	2	28	4	4		4	8	4	4	
Milton Ernest	Milton Ernest	58	8	4	4	16	8		8			8	8		2	2	24	4	4			8	4	4	
Oakley	Oakley	70	8	4	4	20	8		8			12	8		2	2	28	4	4		4	8	4	4	
Little Odell	Odell	0	0	0		0						0			0		0								
Odell	Odell	24	2	0	2	0						0			2	2	20		4			8	4	4	
Pavenham	Pavenham	38	8	4	4	4			4			0			2	2	24	4	4			8	4	4	
Pavenham park homes	Pavenham	16	8	4	4	0						0			0		8				8				
Pertenhall incl Wood Green & Chadwell	Pertenhall & Swineshead	14	0	0	0	0						0			2	2	12				8			4	
Swineshead	Pertenhall & Swineshead	14	0	0		0						0			2	2	12				8			4	
Fardish	Podington	4	0	0		0						0			0		4							4	
Hinwick	Podington	4	0	0		0						0			0		4				4				
Podington	Podington	42	4	0	4	4			4			8	8		2	2	24	4	4		4	Cricket Club (check used for wider community)	4	4	4
Cleat Hill	Ravensden	8	8	4	4	0						0			0		0								
Ravensden cross roads	Ravensden	26	8	4	4	8			8			0			2	2	8						4	4	

Ravensden incl Church End	Ravensden	36	8	4	4	0							8	8			0		20	4					8		4	4	
Wood End Ravensden	Ravensden	4	4	4	0	0							0				0		0										
Green End Renhold	Renhold	8	2	0	2	0							0			2	2	4	4					0					
Church End Renhold	Renhold	28	4	2	2	0							8	8			0		16					8		4	4		
Salph End Renhold	Renhold	26	4	0	4	16	8			8			0			2	2	4								4			
Hillgrove (Nr Howbury Hall)	Renhold	0	0		0	0							0				0		0										
Riseley incl Top End	Riseley	54	2	2	0	10			8		2		WJH Garage, High St	12	8		4	2	2	28	4	4		4	8		4	4	
Roxton	Roxton	54	8	4	4	8	8						8	8			2	2	28	4	4			8		4	4	4	
Sharnbrook inc Coffle End	Sharnbrook	87	8	4	4	25	8		8	4	4	1		12	8		4	10	8	2	32	4	4	4	4	8		4	4
Coffle End	Sharnbrook	16	8	4	4	0								0				0		8	4						4		
Bury End Stagsden	Stagsden	0	0	0		0								0				0		0									
North End Stagsden	Stagsden	0	0	0		0								0				0		0									
Stagsden	Stagsden	40	8	4	4	4						4		0				0		28	4	4		4	8		4	4	
West End Stagsden	Stagsden	0	0	0		0							4		0			0		0									
Duloe incl Duloe Butts	Staploe	16	0	0		0								0				0		16	4	4			8				
Honeydon	Staploe	0	0	0		0								0				0		0									
Staploe	Staploe	2	0	0		0								0				2	2	0								(Gospel Hall now private residence)	
Upper Staploe	Staploe	0	0	0		0								0				0		0									
Stevington Park, West & church	Stevington	34	4	0	4	4				4				0				2	2	24	4	4			8		4	4	
West End Stevington	Stevington	4	4	0	4	0								0				0	0	0									
Kempston Hardwick	Stewartby	12	8	4	4	0								0				0		4							4		
Stewartby	Stewartby	60	6	4	2	8			8					12	8		4	2	2	32	4	4	4	4	8		4	4	
Backnoe End Thurleigh	Thurleigh	0	0	0		0								0				0		0									

