



Town & Country Planning Act 1990
Construction of a New Crematorium with Associated Car Parking, Memorial
Gardens and Access

Land off Holyhead Road (A41), Wergs, South Staffordshire

Appeal by Dignity UK
Appeal Reference: APP/C3430/W/15/3039163
LPA Reference No: 14/00838/FUL

Proof of Evidence of Paul Burley BA(Hons) MPhil MRTPI, on behalf of the
Appellant, in respect of Need

February 2017

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1.0 QUALIFICATIONS AND EXPERIENCE

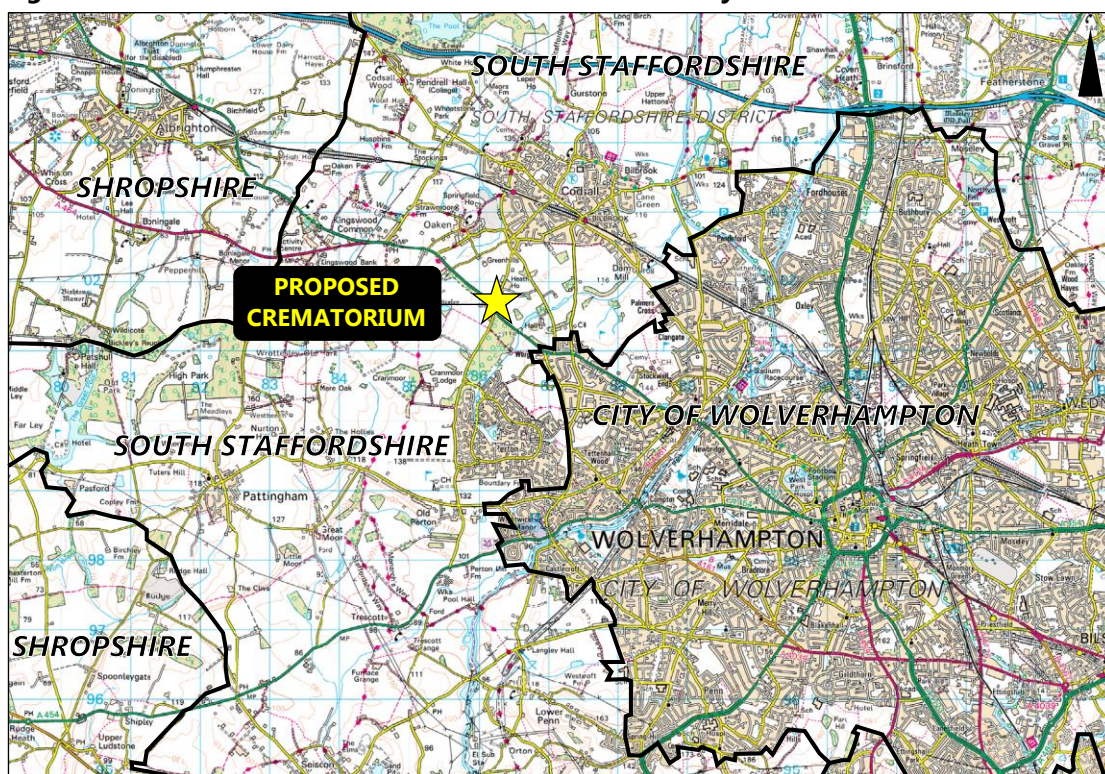
- 1.1 My name is Paul Burley. I am a Master of Philosophy in Town Planning of the University of London, having studied at the Bartlett Institute of University College London. I am a Member of the Royal Town Planning Institute.
- 1.2 I am a Partner with the firm of Montagu Evans LLP, Chartered Surveyors and Town Planning Consultants, with offices in London, Manchester, Edinburgh and Glasgow. Before Montagu Evans I worked for Robert Turley Associates and GL Hearn Planning, both in their London offices.
- 1.3 My experience in advising on town planning matters of all kinds has covered much of England and Wales and has included a wide range of commercial and residential development.
- 1.4 In particular, I have had a wide experience in dealing with matters involving large mixed-use proposals. Such advice has related both to site-specific proposals and strategic matters.
- 1.5 Throughout my career I have advised on retail proposals including the preparation of need and impact assessments. I have also acted in respect of a number of crematorium proposals and this work has involved the preparation of need assessments which were submitted in support of planning applications. I have appeared as an expert witness at numerous public inquiries.
- 1.6 I also have experience of dealing with Green Belt policy in a range of situations including in relation to: Wentworth Golf Club; a major mixed-use development on Metropolitan Open Land in south London comprising 839 new homes, a range of A Class floorspace and 25,000 sq m of healthcare floorspace; and a crematorium proposal in south west England.
- 1.7 The evidence which I have prepared and present in this proof of evidence and its appendices is true and has been prepared and is given in accordance with the guidance of the Royal Town Planning Institute, my professional institution. I confirm that the opinions expressed are my true and professional opinions.

2.0 INTRODUCTION

The Appeal Scheme

- 2.1 My evidence has been prepared on behalf of Dignity UK ('the Appellant') in support of its appeal against the refusal by South Staffordshire Council ('the Council') to grant planning permission for a new crematorium and related facilities ('the Development' or 'the Appeal Scheme') on land off Holyhead Road, Wergs, WV8 2HE ('the Site'). The Site is located to the north-west of the Wolverhampton urban and local authority area.
- 2.2 The general location of the Site is indicated at **Figure 2.1**.

Figure 2.1 – General Location of the Site & Local Authority Boundaries



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- 2.3 The Development comprises a single-storey building with an area of approximately 500 sq m which will accommodate a chapel, a crematorium and administrative space. The chapel would be able to seat around 100 people and the facility would be equipped with a 43" cremator.
- 2.4 The crematorium is proposed to be open from Monday to Friday with an ability to provide for weekend cremations upon request. The building would be air-conditioned and offer live organ music, computerised on-line music and a visual system which also allows for the recording of services.
- 2.5 Hours of service are proposed to be 09:00 to 17:00. The crematorium would offer one-hour 'slots' within which services would take place, that is eight each day or forty each week. Services would be enhanced by offering a 24-hour, seven-days-a-week booking service as is available for all crematoria that are operated by the Appellant.

Background and Scope of Evidence

- 2.6 My evidence deals solely with aspects of the need case for a crematorium in this location. Other material considerations in support of the Development are dealt with by other witnesses.
- 2.7 In 2014 I prepared a Need Assessment ('the 2014 Assessment') which was submitted in support of the planning application (reference number 14/00838/FUL) for the Development. The 2014 Assessment was subject to a review by the Council's advisors, GVA, before the planning application was determined.
- 2.8 I was commissioned by the Appellant to produce a proof of evidence to explain aspects of the need case in further detail, to include a review of GVA's critique of the 2014 Assessment. That proof of evidence was intended to inform a public inquiry that was scheduled to take place in 2016 but which was postponed.
- 2.9 Given the passage of time since the preparation of my first proof of evidence ('FPOE'), I have updated my evidence to take account of the following:
- the most recently-available full-year ONS population and death rates;
 - the most recently-available full-year cremation rates; and
 - a recent (July 2016) appeal decision for a crematorium in South Lakeland (Crooklands) close to the site of an extant permission for a crematorium in the same borough that was also allowed at appeal (Milnthorpe).
- 2.10 In summary, I now have access to a suite of information from 2015 which I will use so that all information is from the same base year.
- 2.11 In addition (and only very recently) the Council has raised questions about the differences in methodology used in the assessment of need by Dignity and Westerleigh. Given that the Appeal Scheme is now to be decided by way of a conjoined appeal with Westerleigh's Appeal, I have adopted the same methodology as Westerleigh to hopefully facilitate comparison between the two (my step-by-step assessment is set out in this Proof of Evidence) and assist the smooth running of the Inquiry. Therefore I have also had regard to Westerleigh's recent planning application (16/00938/FUL) for a crematorium at Essington, and specifically to Westerleigh's approach to the assessment of need including its identification of the catchment area.
- 2.12 I should point out, however, that whilst I have adopted the same approach as Westerleigh in identifying the catchment area (ie identifying a constrained 30-minute drivetime from the Appeal Site and then applying gravity model principles to estimate usage of the proposed facility) there may be differences in terms of data used. For example I note that the 2016 Westerleigh planning application is, in some respects, based on older data than I have used to prepare this Proof of Evidence. In addition, Westerleigh appears to use ONS population data disaggregated to ward level whereas I use 'Middle Super Output Areas' or MSOAs.

- 2.13 As is explained by the ONS¹, Output Areas ('OAs') are the main geographies directly associated with the Census and were created specifically for the output of census estimates. The OA is the lowest geographical level at which census estimates are provided and they were introduced in Scotland at the 1981 Census and covered all the countries of the UK at the 2001 Census. Super Output Areas ('SOAs') were designed to improve the reporting of small area statistics and are built up from groups of output areas. SOAs were initially introduced for use on the *Neighbourhood Statistics* website but later became the standard units for presenting local statistical information across National Statistics' output.
- 2.14 Before OAs and SOAs were introduced, local statistics were produced at electoral ward / division level. The ONS notes that this had drawbacks because electoral wards / divisions vary greatly in size, from fewer than 100 residents to more than 30,000. This was not ideal for nationwide comparisons, and also meant that some data could not be released for smaller wards due to disclosure issues and the need to protect the confidentiality of individuals.
- 2.15 When preparing need assessments for crematoria I have always used MSOAs as opposed to ward-level data because they are the preferred means of expressing geographically-based population data by the country's national statistics bodies.
- 2.16 That said, both MSOAs and wards are well-recognised geographical units and are based on the same census data.
- 2.17 As before and with regard to quantitative need I use a methodology which has been developed by reference to a number of parameters accepted by the Secretary of State as appropriate tools for measuring quantitative need in the context of other recent appeal decisions in respect of crematoria proposals. This methodology is further informed by my and my firm's extensive experience of undertaking gravity model-based analyses.
- 2.18 In respect of qualitative need I also refer to considerations which have been taken into account and applied in previous appeal decisions relating to crematoria proposals and, as noted above, in relation to other recent proposals in the region. These considerations are addressed further in the **Proof of Evidence of Mr Lathbury** of the Appellant which should be considered alongside my evidence.

¹ <https://www.ons.gov.uk/methodology/geography/ukgeographies/censusgeography>

3.0 CONSIDERATIONS IN IDENTIFYING A NEED FOR A CREMATORIUM

Introduction

- 3.1 When compared with other land uses for which need assessments are routinely carried out – for example retail or housing – applications for new crematoria are relatively uncommon. It is perhaps because of this that there is no policy or guidance in relation to the assessment of 'need', whether quantitative or qualitative, for crematoria as is the case in relation to other land uses such as retail.
- 3.2 Furthermore, need assessments for other land uses, particularly retail and leisure proposals, are commonly based on household surveys to identify patterns of behaviour.
- 3.3 Whilst surveys can be used to gather people's general opinions, in assessing the need for a crematorium it can be difficult to gather a complete picture of end-of-life services by survey for a variety of reasons:
- the intentions of the deceased may not be known to or carried out by their families;
 - people's preferences change over time – for example many more young people than older adults say that they would like to be buried, yet this is not borne out by experience as the cremation rate has continued to grow steadily over time; and
 - other unpredictable factors can inform choices, for example services may take place further from the deceased's last place of residence in order to be close to the deceased's relatives elsewhere, or to enable families and friends to attend.
- 3.4 With regard to an assessment of quantitative need for a crematorium, therefore, this has to be based on reasonable assumptions about future usage, including the proportion of services that will be cremations, and the likely area that a facility will serve. Such assumptions are based on how people would be expected to behave if acting in a logical manner, tailored as necessary to reflect knowledge of local circumstances and behaviour.
- 3.5 Qualitative need cannot be modelled in the same way – whether there is a qualitative need relates to the experience of operators and service users.

Overview of Need Considerations

- 3.6 In identifying matters of relevance to an assessment of need, I have referred to approaches accepted elsewhere by the Secretary of State when assessing need for crematoria; previous planning decisions, including planning appeal decisions, are material considerations to which regard should be had.
- 3.7 The previous decisions to which I have had regard are as follows:
- APP/N3020/A/07/2039505 (Calverton-Eagles; **Core Document N2**);
 - APP/N3020/A/2074820 (Calverton-Novitzky; **Core Document N3**);
 - APP/W1715/A/08/2070547 (Burnetts Lane); **Core Document N4**);

- APP/D0840/A/09/2098108 (Camborne; **Core Document N5**);
- APP/A0665/A/12/2186911 (Lach Dennis; **Core Document N6**);
- APP/M1005/A/12/2188880 (Swanwick; **Core Document N7**);
- APP/G2245/A/13/2210128 (Halstead Orchard Barn; **Core Document N8**);
- APP/T2405/A/13/2210523 (Countesthorpe; **Core Document N9**);
- APP/F2415/A/14/2211858 (Great Glen; **Core Document N10**);
- APP/G2245/A/14/2217055 (Halstead Oak Tree; **Core Document N11**);
- APP/N3020/A/13/2208636 (Catfoot Lane; **Core Document N12**) and the scheme which was subsequently approved by Gedling Borough Council (the Committee Report, Minutes and Decision Notice are at **Core Document O6**);
- APP/M0933/W/15/3003034 (Beetham Hall, Milnthorpe; **Core Document N13**); and
- APP/M0933/W/15/3135605 (Crooklands, South Lakeland; **Appendix PB1**).

3.8 The proposals for a new crematorium in Gedling were the subject of litigation and I have also had regard to the most recent High Court judgment in this respect (see *R (on the application of Timmins) v Gedling Borough Council & Another* [2016] EWHC 220 (Admin) (09 February 2016)), a copy of which is **Core Document N1** and which I will refer to as '*Timmins*'.

3.9 With the exception of Catfoot Lane, Gedling, planning permission was granted pursuant to each of the above appeals. With regard to Gedling, the local planning authority subsequently granted planning permission for a new crematorium being promoted by a competitor operator on land immediately adjoining the Catfoot Lane site (see **Core Document O6**).

Qualitative Considerations

3.10 Qualitative considerations that are noted in those above decisions include:

1. **travel time / proximity of facility** – there is often a strong preference for end-of-life ceremonies to be performed in the deceased's local community which means that people attach importance to there being facilities within, or within reasonable proximity to, their community (eg as acknowledged in Camborne (paragraphs 28, 29 and 33), Swanwick (paragraph 20), Halstead Orchard Barn (paragraph 20), Countesthorpe (paragraph 18), Great Glen (paragraph 8), Halstead Oak Tree (paragraph 24), Burnetts Lane (paragraph 7), Catfoot Lane (paragraph 57), Milnthorpe (paragraph 31), and Crooklands (paragraph 11));
2. **service length / congestion** – most people value the opportunity to have an un-rushed service and, in this respect, it is preferable to avoid congestion that can occur when services are tightly scheduled and / or where two chapels are operated side-by-side as recognised in decisions such as Lach Dennis (paragraph 43), Countesthorpe (paragraph 18) and Camborne (paragraph 34); and
3. **scheduling** – people do not simply choose the next available time for a service to take place. Commonly, they already have a preferred time and date in mind and are prepared to wait a reasonable period of time in order to accommodate this preference. Therefore, where there is insufficient capacity in the existing system to accommodate people's needs, increasing delays between death and cremation will be experienced (eg as was noted in Camborne (paragraph 35), Lach Dennis (paragraph 43), Swanwick (paragraphs 25 and 30),

Halstead Orchard Barn (paragraph 22), Countesthorpe (paragraph 18), Catfoot Lane (paragraph 57) and Milnthorpe (paragraph 31)).

3.11 Other components of qualitative need include:

4. **religious and cultural flexibility** – the availability of specialist or flexible facilities to meet the needs of religious or ethnic groups over and above the ‘standard’ facilities that one would expect to find in a crematorium, as well as the flexibility to allow for non-religious services to take place;
5. **up-to-date facilities** – the availability of contemporary / up-to-date facilities incorporating, for example, air conditioning and audio-visual resources; and
6. **memorial facilities** – the availability of sufficient space to offer a choice of memorial options (gardens, floral areas, plaques, books of remembrance and so on).

Quantitative Considerations

3.12 Whether there is a quantitative need depends on whether there are sufficient slots to satisfactorily cater for the number of services that are likely to take place in the catchment area of the facility.

3.13 In the abovementioned appeal decisions, the consideration of quantitative need has involved having regard to a number of matters such as:

1. **the proposed facility’s catchment area** – this starts with an identification of the area representing what generally would be considered to be a reasonable maximum acceptable drive-time to a facility, usually 30 minutes. A 30-minute maximum drive-time for catchment areas was used in the need assessments for the proposals at Calverton (paragraph 10), Camborne (paragraph 29), Lach Dennis (paragraph 41), Swanwick (paragraph 23), Halstead (paragraph 20) and Great Glen (paragraph 8). This drive time is to be assessed by reference to the slower travelling speed of a cortège. This is usually calculated at 60% of normal driving speed, as applied in the approach used at Camborne (paragraph 31) and Swanwick (paragraph 24). I note that the adoption of a ‘constrained’ drivetime has also been used in planning applications elsewhere in the borough, for example at Essington (16/00938/FUL) by Westerleigh;
2. **the location of other facilities** – the drive time may need to be adjusted to reflect local circumstances; for example if the proposal were in a dense urban area people might expect to travel a shorter distance to their nearest facility and, conversely, in a very rural area people might expect that they would have to travel in excess of 30 minutes. This was recognised by Mr Novitzky who, at paragraph 23 of his Calverton decision, said that *“a whole range of travel times would apply in different locations around the country, from remote countryside to dense urban areas”*. The principle of adjusting travel times, or of 30 minutes being a ‘rule of thumb’, was also recognised in the Camborne decision (paragraph 29) and in the Swanwick decision (paragraph 23);

- 3. population, death and cremation rates** – an appropriate assumption has to be made about the likely proportion of cremations (as opposed to burials) that will take place in the aforementioned area for the population within that area. Again, that appropriate assumption is derived in light of the approaches which have been used and accepted elsewhere for other proposals, but it must be tailored to reflect any known local patterns or circumstances. For example one would normally expect the cremation rate to be higher in an urban area than in a rural area because there are fewer crematoria in rural areas and greater numbers of people will therefore choose burial rather than having to travel a longer distance to a crematorium.

In reaching a view on the cremation rate to be used regard should be had to the national average and trends (as derived from information provided by the Cremation Society of Great Britain) and, where such information is available, local rates; and

- 4. usage of facilities** – whether there is a sufficient population with cremation needs based on projected mortality rates in that catchment area to support the proposed new crematorium. In this respect, a new facility will often satisfy ‘latent demand’ (a matter that I will discuss later), but it will not be the case that all of the cremations at a new facility will be services that would not otherwise have been cremations.

In this part of the assessment, it is assumed that not all scheduled cremation slots will be used (eg as was noted in Camborne (paragraph 23), Halstead Orchard Barn (paragraph 23) and Crooklands (paragraph 11)) and that there will be seasonal variations in usage (eg as was noted in Calverton-Eagles (paragraph 6) and Swanwick (paragraph 25)).

The Relationship between Quantitative and Qualitative Need

- 3.14 At the outset of this part of my evidence, I should emphasise the very close relationship between quantitative and qualitative need, a relationship that does not necessarily exist when looking at the quantitative and qualitative need for other land uses.
- 3.15 A key point to note is that the ability of operators to adjust the length of time slots at existing facilities can make it appear as though there is no quantitative need because there are spare slots that would normally remain unused. A reduction in the length of the slot, however, will usually have negative qualitative consequences meaning that changes that, on the face of it, would diminish the quantitative need for a new facility would increase the qualitative need for a new facility. This need can only be addressed through the addition of new capacity.
- 3.16 Conversely, if qualitative improvements are made to service provision, this can have negative quantitative implications. For example, whilst people value the opportunity to have an un-rushed service, longer service lengths limit the ability of facilities to address quantitative need by reducing the supply of available time slots (paragraph 22 of Halstead Orchard Barn refers to the length of time available for funerals as a constraint). Again, the means of addressing this is through the creation of new capacity which will also result in improvements to the experience of users of existing facilities because it reduces the pressure on the facilities.

- 3.17 There are other ways in which quantitative and qualitative need are closely linked.
- 3.18 One example is where people are prepared to accept some delay in their service taking place in order to secure a preferred day and time. The delay is a qualitative issue but is a result of a quantitative deficiency in the availability of slots at the most popular times.
- 3.19 Another example is the time / distance that people are willing to travel. Ideally most people would want services to take place as close to home as possible but the availability of facilities and suitable time slots can mean that people are prepared to travel further – a qualitative issue – to meet their need.
- 3.20 I have set out these points because the relationship between quantitative and qualitative need is one which is not necessarily experienced in other sectors but, with regard to crematoria, it is a very important relationship and one which should be considered in balance. I do not respectfully agree, for example, that greater weight should necessarily be placed on quantitative need or that there can only be a need if *“the continuation of the existing situation would involve some significant adverse consequence”* which were conclusions reached at Catfoot Lane (paragraph 66).
- 3.21 In any event, and as I have indicated above, following the dismissal of the Catfoot Lane appeal, the local planning authority approved an application for a new crematorium on an adjacent site having regard to both the quantitative and the qualitative need for a facility in that location as explained in the committee report which is **Core Document O6**. In doing so, the authority applied a methodology based on need parameters considered in other appeal decisions (as above).
- 3.22 Subsequently, that decision by the authority was unsuccessfully challenged in the Courts.
- 3.23 In respect of the balance of need considerations, Patterson J noted at paragraph 98 of her judgement in *Timmins* that:
- “Whether or not there is a need for a given facility is quintessentially one of planning judgment for the decision maker having proper regard to all of the relevant surrounding circumstances and subject to considerations of rationality: see R (Cherkley Campaign Limited) v Mole Valley District Council [2014] EWCA Civ 567 at [25] to [35].”*
- 3.24 Patterson J also addressed at paragraph 101 whether it was legitimate to have regard to future circumstances in assessing the ‘need’ for a proposal in addition to consideration of the existing situation. She concluded that:
- “As one of the roles of the planning system is to secure provision of infrastructure to meet future needs as well as current needs it would be surprising if the defendant did not take future needs into account.”*
- 3.25 These considerations will guide the remainder of my proof of evidence. In the next section (**Section 4.0**) I will look at the existing and future quantitative need for the Development.

4.0 The Quantitative Need for a New Crematorium

4.1 In this Section I will explain the quantitative need for the Development. I will use the same approach to defining the catchment areas as Westerleigh but will undertake my assessment on the basis of the most recently-available suite of data (which is for 2015) as I explained in **Section 2.0**.

4.2 As was recognised in *Timmins*, there is no specific guidance on the calculation of capacity for future crematoria (paragraph 101). In that case, the defendant (and proposed operator of the crematorium) was found to have: “adopted a rational and reasoned approach to the calculation of capacity” and could not “be criticised for carrying out the exercise in the way that it did” (paragraph 101). With that in mind, I will now set out the reasoning behind the data and assumptions that I have used in this Proof of Evidence.

Base Data & Assumptions

1. Existing Facilities

4.3 By way of background for my assessment I consider the facilities in the area around the Site. I have identified a number of such facilities and will refer to them as being within the ‘study area’. Whilst located in the ‘study area’, they will not necessarily be in direct competition with each other; rather, they have been identified in order to inform the likely catchment area of the Development based on a gravity model.

4.4 Those facilities are summarised in **Table 4.1** and their respective locations are illustrated at **Figure 4.1**. I have also illustrated other facilities in the surrounding area, for information only.

Table 4.1 – Existing Facilities in the Study Area

	Crematorium (Postcode)	Distance from Site*	Travel Time from Site**	Travel Time at Cortege Speed (60%)	Total Cremations***	Slot Length	Maximum Service Time	Cremation Hours
		<i>km</i>	<i>mins</i>	<i>mins</i>	<i>Jan-Dec 2015</i>	<i>minutes</i>	<i>minutes</i>	
1	Bushbury (WV10 7JG)	12.2	16	27	2,645	45	30	M-F 0900-1630 (1) M-F 0915-1645 (2)
2	Dudley (DY3 2RL)	16.7	22	37	1,934	40	30-35	M-F 0900-1220, 1330-1650
3	Telford (TF2 9NJ)	19.5	19	32	1,450	60	45	M-F 0900-1700 Sat by appointment
4	Stafford (ST18 0XZ)	20.5	38	63	1,819	30	20	M-F 0900-1630 Sat by appointment

* Distance by road and estimated drive time according to www.theaa.com; WV8 2HE used as origin.

** Travel time is at normal driving speed according to www.theaa.com; a cortège would travel at a slower speed.

*** Source – Cremation Society of Great Britain, 2016 Cremation Directory.

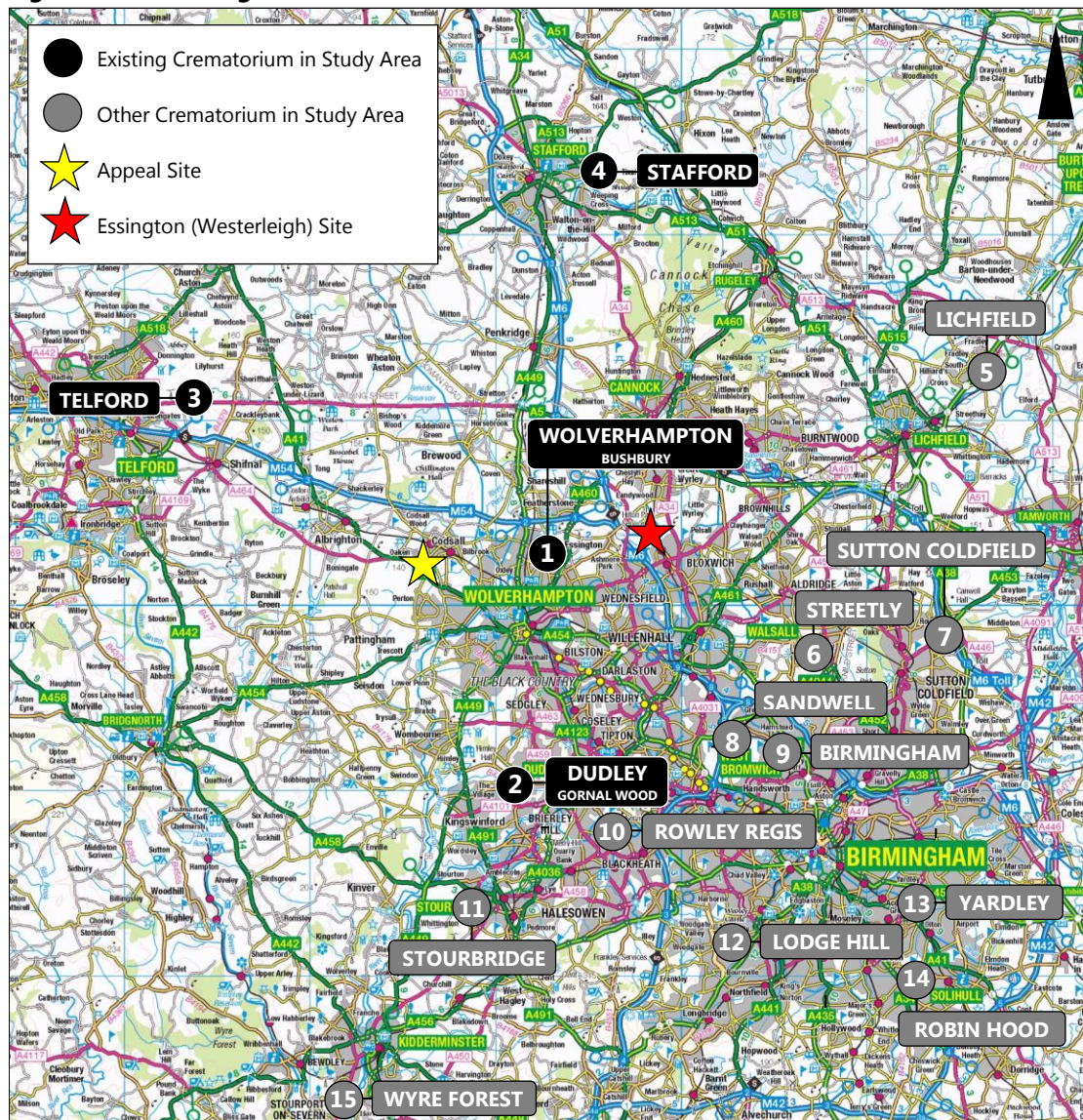
Other details obtained by telephone enquiry to each facility: Wolverhampton checked on 30 March 2016; Dudley, Telford and Stafford checked on 31 March 2016. (1) hours for (larger) West Chapel; (2) hours for (smaller) East Chapel. Both chapels have a 45-minute break in the middle of the day. Times given run from the start of the first slot until the end of the last slot.

4.5 As indicated earlier, I have updated the cremation statistics to 2015 as these have been published since I prepared my FPOE. The *Cremation Directory* (extract at **Appendix PB2**) shows the statistics for 2014 (which were used in the FPOE) alongside 2015. Looking at those it is clear that usage of Bushbury (Wolverhampton), Dudley and Telford was significantly greater in 2015

than in 2014. Usage of Stafford – which is outside of the area of influence of the Appeal Site as will be explained later – dipped slightly. For ease of comparison the increases were as follows:

	2014	2015	% Increase
Wolverhampton – Bushbury	2,460	2,645	7.5
Dudley	1,676	1,934	15.4
Telford	1,243	1,450	16.7

Figure 4.1 – Existing Crematoria



Map Source – Promap™. © Crown Copyright 2014. All rights reserved. Licence number 100022432. Not to Scale.

4.6 As can be seen from **Figure 4.1**, there is a network of facilities that already serves the West Midlands conurbation and the surrounding area which is generally clustered in the eastern and southern sides of the conurbation and a number of facilities are located in quite close proximity to each other. For example, and according to the AA’s route planner (which gives average off-peak drive times), the existing facilities listed in **Table 4.2** are about 10 minutes’ drive (at normal speed) from each other. This would mean that people mid-way between two of the facilities

would have to drive a maximum of five or six minutes at normal speed to reach one or the other, or eight to nine minutes in a cortège travelling at 60% of normal speed.

Table 4.2 – Distances and Drive Times between Existing Facilities

Fig. 4.1 Ref	Crematorium (Postcode)	Year Built		Fig. 4.1 Ref	Crematorium (Postcode)	Year Built	Distance <i>km</i>	AA's Travel Time* <i>Minutes</i>	Cortège Travel Time (60%) <i>minutes</i>
8	Sandwell (B71 3SX)	2010	to	9	Birmingham (B42 2LR)	1903	5.6	10	17
13	Yardley (B25 8NA)	1952	to	14	Robin Hood (B90 3NA)	1958	5.3	10	17

**http://www.theaa.com/route-planner/classic/planner_main.jsp; based on off-peak average.*

4.7 Bushbury Crematorium is the closest existing facility to the Site. When compared to the distances set out in **Table 4.2** above, Bushbury Crematorium is further away from its next-nearest facilities as can be seen in **Table 4.3** below. Even at a cortège speed, however, someone midway between Bushbury and Dudley (Gornal Wood) would have to travel around 24 minutes to either one of the facilities.

Table 4.3 – Distances from Bushbury Crematorium to Next-nearest Existing Facilities

Fig. 4.1 Ref	Crematorium (Postcode)	Year Built		Fig. 4.1 Ref	Crematorium (Postcode)	Year Built	Distance <i>km</i>	AA's Travel Time* <i>Minutes</i>	Cortège Travel Time (60%) <i>minutes</i>
1	Bushbury (WV10 7JG)	1954	to	2	Gornal Wood (DY3 2RL)	1960	18.2	29	48
1	Bushbury (WV10 7JG)	1954	to	8	Sandwell (B71 3SX)	2010	24.5	24	40
1	Bushbury (WV10 7JG)	1954	to	6	Streetyly (WS9 0SG)	1984	21.8	28	47

**http://www.theaa.com/route-planner/classic/planner_main.jsp; based on off-peak average.*

4.8 30 minutes' drive has been referred to as 'rule of thumb' in previous appeal decisions when considering a facility's catchment area, a concept which I understand originates from *Camborne* (APP/D0840/A/09/2098108; **Core Document N5**). However, it is important to note that that was a proposal in the relatively sparsely populated county of Cornwall, being a peninsula with an elongated catchment and very few other crematoria for people to choose from; in reality people are likely to travel for more than 30 minutes in such circumstances.

4.9 At paragraph 4.18 of its critique (**Core Document E13**) of the 2014 Assessment, Bilfinger GVA stated that:

"The assessment puts forward a 30 minute drive-time as a "maximum" reasonable journey time to a crematorium. In this respect, the assessment shows that one of the existing facilities, that is, Wolverhampton (Bushbury), is within 30 minutes of Codsall. Therefore the need for a crematorium in respect to Codsall is not demonstrated on qualitative grounds. Moreover, as noted in Section 2, a 30 minute drive-time should not necessarily be applied rigidly and the assessment shows that Telford and Dudley (Gornal Wood) are within a 45 minute drive-time of Codsall, a time noted in the Lambley appeal decision as not normally likely to cause distress or hardship. This further weakens the qualitative case. It is noted that the proposed facility would deliver drive-time savings

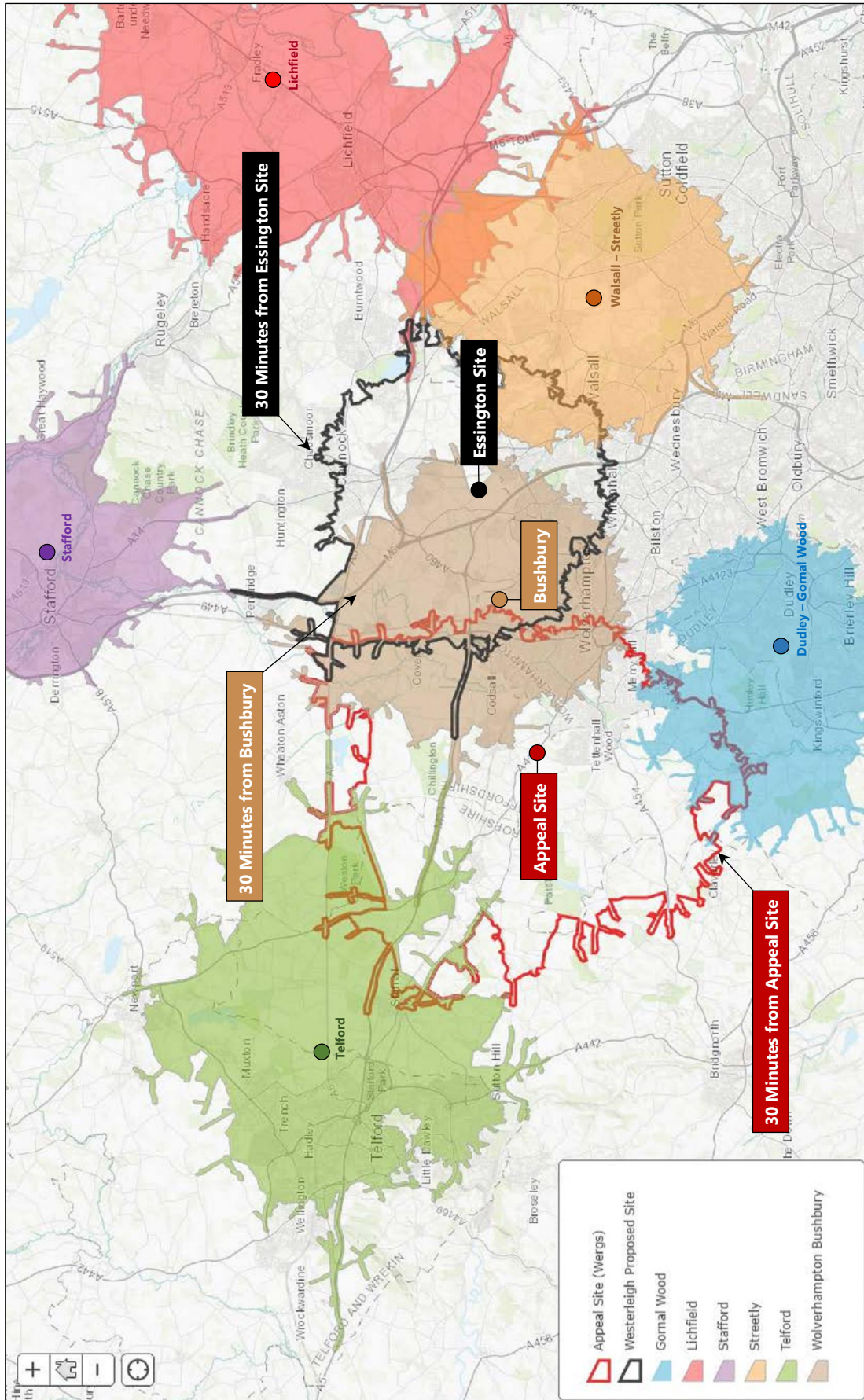
from Codsall of between 16-50 minutes, which would be a benefit, but, as noted in Section 2, a benefit is not the same as filling a need.”

- 4.10 However, it is wrong to focus on driving time as a determining factor in the location of future crematoria and whether there is a need for a new facility; 30 minutes should not be used as an ‘exclusion zone’ within which no other facilities should be permitted. Indeed, if that were the case the Crooklands proposal (see **Appendix PB1**) would not have been approved in the context of the already-approved Milnthorpe facility – the sites are about 8 km (5 miles) apart, or about 15 minutes’ drive at normal speed.
- 4.11 Rather, and as is evident from the existing network of facilities (as above), it is not distance which determines the need for a facility in quantitative terms but the existence of sufficient population in an area to support a new facility, as well as other indicators of need such as the quality of existing provision. It follows that in a dense area, such as the West Midlands conurbation, there will be a network of facilities relatively close together. Indeed, 30 minutes’ drive from Bushbury would overlap significantly with 30 minutes’ drive from the next-nearest existing facilities, yet Bushbury is still in the top 10% of busiest crematoria in the country (it is the 20th busiest facility in the country in terms of annual number of cremations, out of 233 facilities). Furthermore, and as noted above, usage of Bushbury is continuing to increase despite the existence of that network of other facilities.
- 4.12 In other words, the current situation demonstrates that, whilst a ‘rule of thumb’ can be a starting point, it should not be determinative in gauging the acceptability or otherwise of a proposed new crematorium.

2. Catchment Area of the Development

- 4.13 As I noted earlier, and to respond to a request from the Council, I have adopted the same methodology as Westerleigh. The starting point for this is the identification of a 30-minute drivetime. The 30-minute drivetime has been adjusted using the same principles as Westerleigh, as explained in the Technical Note at **Appendix PB3**. I will refer to this adjusted area as the ‘constrained’ 30-minute drivetime.
- 4.14 I have also done this mindful of the comments of GVA in its February 2015 assessment of the Appeal Application and associated Need Statement to which I have already referred.
- 4.15 The map showing the constrained 30-minute drivetime from the Appeal Site, produced by DTA, is reproduced overleaf (**Figure 4.2**); the constrained 30-minute drivetime area is illustrated by a solid red line. Additionally it shows constrained 30-minute drivetimes from existing crematoria in the surrounding area, indicated by shaded areas of various colours.
- 4.16 For ease of reference, DTA have also plotted a 30-minute drivetime from the Westerleigh site in Essington. This exercise shows that there is a very small area of overlap between the Dignity and Westerleigh constrained 30-minute drivetimes and that the existing crematorium at Bushbury is close to the edge of both facilities’ constrained 30-minute drivetime areas.

Figure 4.2 – 30-Minute Drivetimes (Source – DTA; see explanatory note at Appendix PB3)



- 4.17 I should highlight, however, that this does not mean that the catchment areas of the Dignity and Westerleigh proposals overlap; the parts of their respective constrained 30-minute areas that overlap with the 30-minute drivetime area of Bushbury will not in practice form part of the Dignity or Westerleigh catchments; instead, they will be foreshortened to a point somewhere mid-way between Bushbury and the Appeal Site or Bushbury and the Essington site (as the case may be) on the basis that people for whom Bushbury will still be a quicker journey are likely to continue to use it (ie on the basis of gravity model principles as noted above).
- 4.18 I have overlaid the aforementioned constrained 30-minute drivetime on a map (**Figure 4.8**) which also shows the boundaries of MSOAs, the statistical geographical unit (or area) that I have referred to in my calculations in order to ascertain population and death rates.
- 4.19 I have then refined that area according to gravity model principles, ie on the assumption that if the Appeal Scheme was built, those that were in the area that was closer to the Appeal Scheme than any of the existing facilities would use the Appeal Scheme and *vice versa*. I will refer to this refined area as the 'refined' catchment area within the constrained 30-minute drivetime.
- 4.20 In this case, one would normally expect people living to the east and south-east of Telford and in the west and north-west of Wolverhampton to use a facility on the Site. One might also reasonably anticipate that those living to the north and north-west of Dudley might do likewise.
- 4.21 With regard to the constrained 30-minute area from the Appeal Site, the principal adjustment to make to arrive at a catchment area for the Development relates to the eastern side of the constrained 30-minute area. It is reasonable to assume that a number of people who live much closer to Bushbury would not switch to a facility on the Appeal Site, no matter how superior it might be; they would continue to use their closest facility. This means that the eastern extent of the catchment would be foreshortened to the midpoint between the Appeal Site and Bushbury.
- 4.22 There is relatively minimal overlap between the catchment of Dudley and Telford and the constrained 30-minute catchment area with most of the rest of the Appeal Site's 30-minute area falling outside of a 30-minute drive from an existing facility. This does not necessarily mean that people who live in that area do not already choose cremation. Rather, it indicates that there is a large area that will be much better-served by the Appeal Scheme, addressing a clear qualitative need. The resultant 'refined' catchment area within the constrained 30-minute drivetime is illustrated on **Figure 4.9** later in this section.

3. Death and Cremation rates

Death Rates

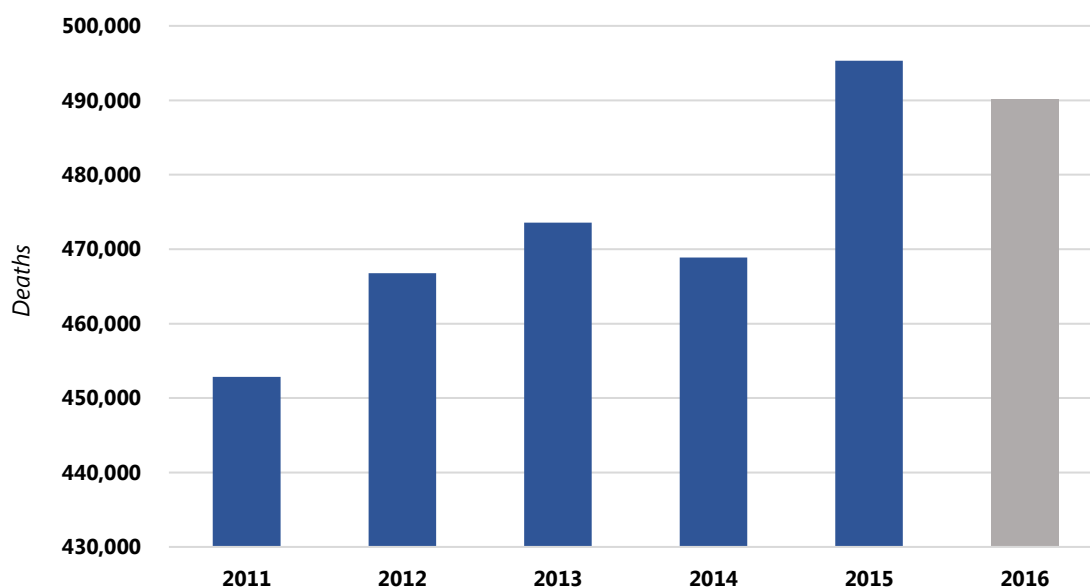
- 4.23 The need to cater for peak periods is a matter discussed in the **Proof of Evidence of Mr Lathbury**. Such peaks can come about because of increases in death rates and because of variations in death rates at different times of the year. The need to have regard to peak periods was noted as a legitimate consideration in *Timmins* (paragraph 103):

“As the claimant recognises the capacity of a crematorium is fixed. To provide for sufficient capacity in the peak month or months the crematorium required will have the same capacity throughout the year. The use of an uplift figure was appropriate for the reasons set out above. If a figure for a month of lesser demand is used then there will be insufficient capacity for the peak month of January. Equally to meet the peak January figure will result in oversupply in July. Accordingly, the use of an annual figure makes no difference. The report was transparent and the members were aware that, in granting the permission, there would be an excess of capacity over need from the numbers supplied within the committee report.”

Annual Changes in Death Rates

4.24 Over the past five years in England there has been a significant change in the number of deaths. For example, at 2011 the number of deaths was 452,862 but by 2015 this had risen to 495,155, an increase of 9.4% when comparing 2011 with 2015. The chart below (**Figure 4.3**), however, shows that there were not year-on-year increases in the number of deaths; the total number fell in 2014 before rising steeply in 2015. I have added the provisional death rate for 2016 to **Figure 4.3** for corroborative purposes; this shows that there has not been a significant change from the 2015 ‘peak’; the final figure for England in 2015 was 495,309 and the provisional figure for 2016 is 490,065, a decrease of just over 1%. This demonstrates that 2015 is not exceptional but rather it and 2016 reflect the continued upward trend in the number of deaths in England.

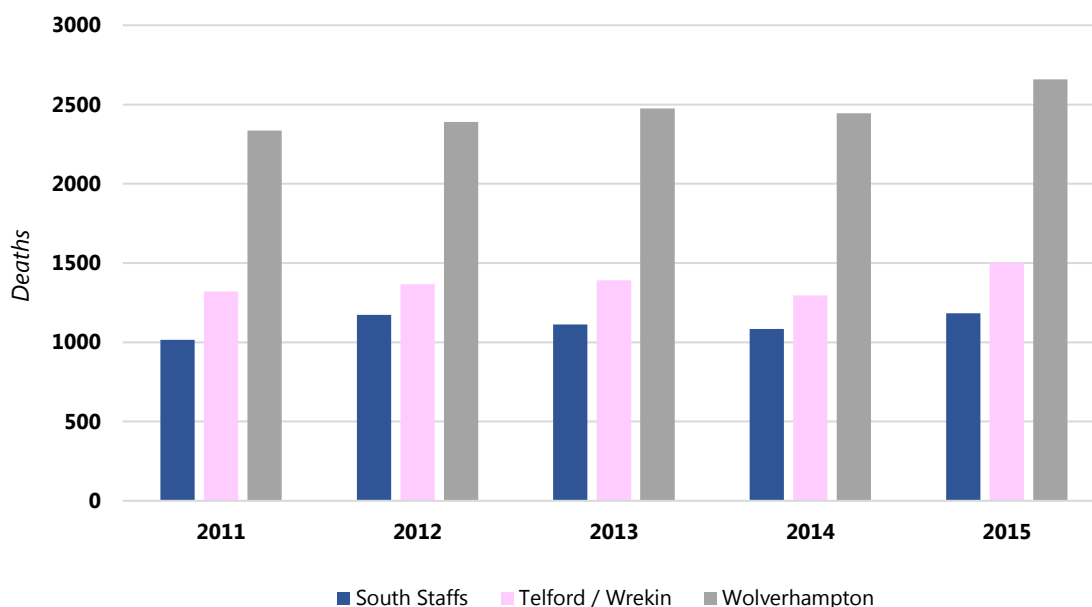
Figure 4.3 – Number of Recorded Deaths in England



Data source – ONS; data in **Appendix PB4** to my proof of evidence.

4.25 Similarly, death rates have varied across the local area, as illustrated at **Figure 4.4**. Within South Staffordshire, Telford and Wrekin and Wolverhampton there was also a slight decrease in the number of deaths in 2014 when compared with 2013 and then an increase – taking the number higher than in 2013 or 2014 – in 2015.

Figure 4.4 – Number of Recorded Deaths by Local Authority Area

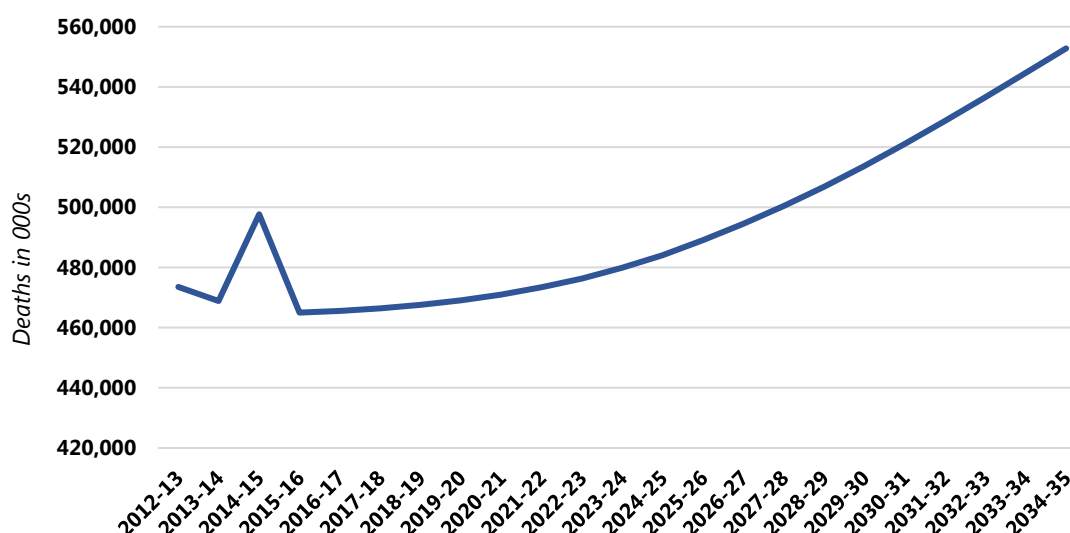


Data source – ONS; data in **Appendix PB4** to my proof of evidence.

4.26 The above graphs deal with the last five years. As recognised in *Timmins*, however, one of the roles of the planning system is to secure provision of infrastructure to meet future needs as well as current needs. Such analysis is usually based on population projections which are produced by the ONS and include birth and death rates.

4.27 Projected death rates for England are illustrated at **Figure 4.5** and summarised at **Table 4.4**. The projections run from 2014-15 and to these I have added the actual number of deaths in 2012-13 and 2013-14. As can be seen, after an initial dip following the significant increase in 2015, the number of deaths in England is projected to rise continuously over the next twenty years.

Figure 4.5 – Death Rate Projections (England) from 2014-15 to 2034-35



Data source – ONS; data is provided in **Appendix PB4** to my proof of evidence.

Table 4.4 – Indexed 2014-based Death Rate Projections (England) (2013-2014 = 100)

Year	2012-13*	2013-14*	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
Index	101	100	106	99	99	99	100	100
Year	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Index	100	101	102	102	103	104	105	107
Year	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	
Index	108	110	111	113	114	116	118	

Data source – ONS; * Actual death rate.

4.28 The projections reported above are clearly conservative with reference to the provisional actual death rates for 2016; the ONS projected the 2015-2016 rate to be 464,994 yet, in fact, the figure was 490,065 (see **paragraph 4.24**), a difference of 5.3%. Whilst we do not have more recent projections to rely on (the ONS projections are not scheduled to be updated until autumn 2017) I would emphasise that a difference of more than 5% is statistically significant and would positively affect the projections. As a consequence the indexed numbers in **Table 4.4** would also increase which would then increase the number of deaths in the catchment area.

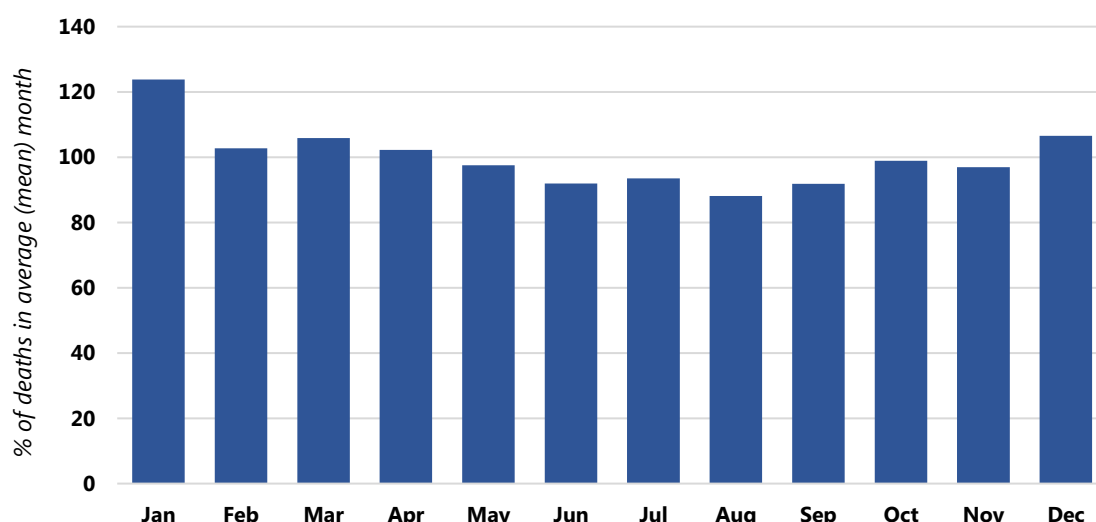
4.29 In this assessment I have not made any adjustments to address these conservative projections by the ONS. As such my estimate of the number of deaths in the Appeal Site’s catchment is also likely to be conservative which reinforces the robustness of my approach.

Peak Periods

4.30 Account also needs to be taken of peak seasonal periods. Whilst some land uses can at times operate beyond their design capacity (eg a car park of a retail store might operate at full capacity just before Christmas and people might decide to take a taxi or park on a nearby road instead), crematoria are unable to do so – a chapel can only accommodate one ceremony at a time and there is a finite number of services that can be performed in any one day. The only theoretical elasticity is through the reduction of service times but this is not usually acceptable and it gives rise to other fundamental qualitative need issues if it occurs, as referred to in the **Proof of Evidence of Mr Lathbury**.

- 4.31 As a matter of principle, crematoria must be capable of operating effectively and efficiently at the period of highest need and to cope with the inherent unpredictability of death.
- 4.32 Unexpected peaks in deaths such as that revealed by the 2015 data – a year in which the number of deaths was about 6% higher than the number in the preceding year and about 7% higher than the projection for the subsequent year – can arise because of a variety of reasons, for example unusually cold or hot weather or public health emergencies.
- 4.33 It is also important to note that across a year death rates are not constant and are subject to seasonal variations – December to March tend to experience the highest number of deaths. To illustrate this, the proportion of total deaths by month, based on the average for England for the five-year period 2011-2015, is shown in **Figure 4.6**.

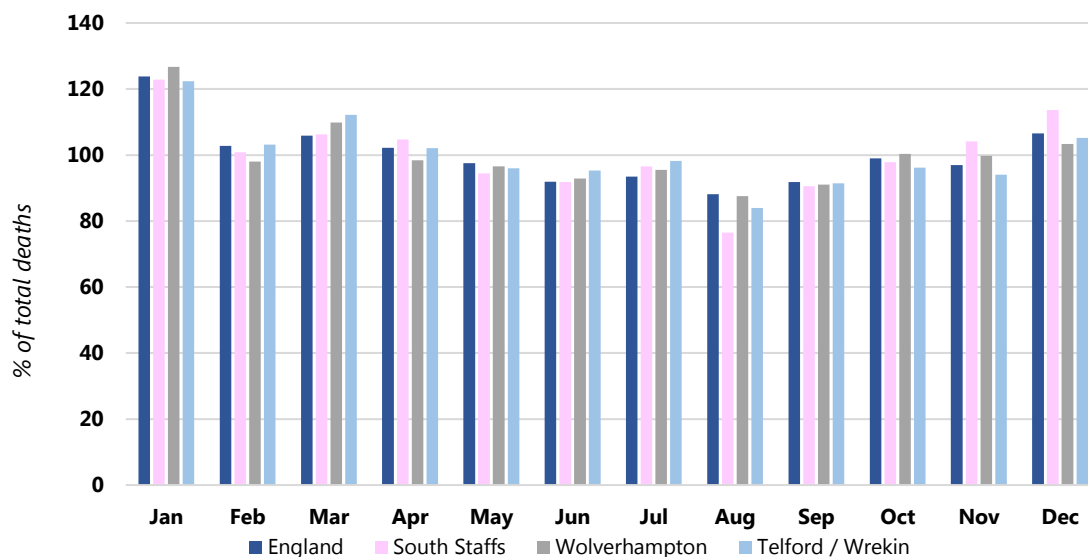
Figure 4.6 – Monthly Variations in Death Rates in England (2011-2015)



Data source – ONS; 'Monthly Figures on Deaths Registered by Area of Usual Residence - England and Wales'; 2011-2015 (2015 figures are provisional). A full copy of each of the spreadsheets is provided for verification purposes in the **Appendix PB4** to my proof of evidence.

- 4.34 At the national (England) level, the differential is quite marked – the total number of deaths in the highest month (January, annual average of 48,634 over five years) is 141% of the total number in the lowest month (August, average of 34,625).
- 4.35 The average (mean) number of deaths per month across the period 2011 to 2015 (inclusive) in England was 39,287. The mean number of deaths for January, the month which has the highest death rate, was 48,634 across that same five-year period. On average, therefore, and having regard to the most up-to-date information, the death rate for the peak month was **24%** above the monthly average.
- 4.36 I have also looked at local data as part of this assessment to see if there is any difference locally.
- 4.37 Looking at the data in **Figure 4.7**, it is clear that for South Staffordshire, Wolverhampton and Telford and Wrekin the busiest month is also January. All of those local authority areas show rates in the peak month in excess of 120% of the monthly average. The actual figures are 123% for South Staffordshire, 122% for Telford and Wrekin, and 127% for Wolverhampton.

Figure 4.7 – Monthly Variations in Death Rates – England & Local Area (2011-2015)



Data source – ONS; ‘Monthly Figures on Deaths Registered by Area of Usual Residence - England and Wales’; 2011-2015 (2015 figures are provisional). A full copy of each of the spreadsheets is provided for verification purposes; extracts are in the **Appendix PB4** to my proof of evidence.

4.38 Clearly the peak in the Wolverhampton local authority area is higher than the national average peak and the peak month in Telford and in South Staffordshire is slightly lower than the national peak. Given that users of the Development are likely to be drawn from all of the areas noted above I will adopt the **national average peak of 24%** in my updated assessment in this proof. This is consistent with the approach that I adopted for the 2014 Assessment where I used the national average peak, albeit at that time the peak was 22% (that figure was also based on a mean of the five previous years’ data).

Concluding Remarks on Death Rates

4.39 When assessing the need for a crematorium the reason behind variations in death rates – whether seasonal as can be seen from monthly data, or annual as just discussed – is irrelevant; there must still be sufficient available capacity to be able to cope with them without compromising service levels for the bereaved. A network of crematoria must be able to satisfy the need at all times, and must do so in a respectful manner; it would not be appropriate to provide an inferior service at busy times just because the deceased had passed away at the busiest time of the year or in a year that was experiencing a significant increase in the number of deaths. A funeral is often a very stressful and emotionally-charged event for those close to the deceased and, as such, all involved need be treated with the utmost sensitivity. Key to this is ensuring that the bereaved are afforded the time and space to have a service that conforms to their wishes and matches their expectations.

4.40 Whilst there is a clear seasonal pattern year-on-year which I will take into account in my assessment, I will not include an allowance for annual peaks because of their inherent unpredictability. That is not to say that they should be ignored. To the contrary, a network of facilities will still have to cope with such peaks, however unpredictable.

Cremation Rates

- 4.41 The most recent period for which cremation rate information is available is the year ending December 2015. I attach an extract from the 2016 *Cremation Directory* at **Appendix PB2** which shows that the most recent cremation rate (in England and Wales) was just under 80%.
- 4.42 In the 2014 Assessment, I assumed that there would be a cremation rate of 75%, albeit I noted that the national average was a little higher. A national average will of course include very urban areas as well as very rural areas. In updating the 2014 Assessment I also considered rates in England's largest conurbations – the 'metropolitan counties' – to see if there is a higher cremation rate. I have done this because the catchment area of the Development would include part of the West Midlands conurbation.
- 4.43 The data in **Table 4.5** (overleaf) show that in all cases the cremation rate in the metropolitan county areas is higher than the national average for England. This is perhaps unsurprising given that these areas are in general better-served by crematoria than less-densely-populated areas and may well have less space for burial. In the case of the West Midlands, the rate is between 84% and 89%, a significantly higher rate than the national average rate used in the 2014 Assessment.
- 4.44 That figure will undoubtedly include some 'inflow' – for example it is known that people from South Staffordshire currently use (amongst others) the existing crematorium at Bushbury – but this will not account for all of the difference and there will also be some degree of 'outflow' where people living in the West Midlands conurbation choose facilities elsewhere (eg Telford) for logistical or qualitative reasons.
- 4.45 The catchment area of the Development would include some of the West Midlands urban area and some of the relatively rural South Staffordshire area. The rate is therefore likely to be less than the 84% to 89% range for the West Midlands (with a mean rate of just over 87%) but higher than the national average.
- 4.46 By way of comparison, in West Yorkshire – an area with large towns and cities as well as extensive rural areas in the metropolitan county – the rate is between 79% and 81% according to statistics from the Cremation Society of Great Britain. It is reasonable to assume that across the catchment area of the Development as a whole, that is including parts of South Staffordshire and Shropshire UA, the cremation rate could be at least **80%**. Whilst I previously also tested the 75% cremation rate that I adopted in the 2014 Assessment, given the recent evidence of a near-80% rate across England and Wales as a whole as well as the metropolitan area rate, I consider 75% to be unduly conservative and 80% to be more realistic. I will therefore only look at an 80% rate in this Proof of Evidence.

Table 4.5 – Cremation Rates in England and in Metropolitan County Areas

	2010	2011	2012	2013	2014
England Cremations	353,519	355,481	365,575	374,916	368,015
England Deaths	461,017	452,862	466,779	473,552	468,875
Cremation Rate (%)	77	78	78	79	78
G Manchester Cremations*	18,815	18,538	18,975	19,175	18,810
G Manchester Met County Deaths	23,776	23,137	23,725	23,829	23,820
Cremation Rate (%)	79	80	80	80	79
Merseyside Cremations*	12,244	11,800	12,246	12,828	12,365
Merseyside Met County Deaths	14,303	13,657	14,151	14,590	14,269
Cremation Rate (%)	86	86	87	88	87
South Yorkshire Cremations*	10,664	10,464	10,802	11,089	10,761
South Yorks Met County Deaths	12,595	12,374	12,678	12,969	12,684
Cremation Rate (%)	85	85	85	86	85
Tyne & Wear Cremations*	9,949	9,977	10,035	10,370	10,359
Tyne & Wear Met County Deaths	11,191	10,909	11,128	11,073	11,372
Cremation Rate (%)	89	91	90	94	91
West Midlands Cremations*	20,561	20,325	20,877	20,842	20,140
West Midlands Met County Deaths	3,428	22,873	23,377	23,929	24,113
Cremation Rate (%)	88	89	89	87	84
West Yorkshire Cremations*	15,251	15,401	15,685	15,909	15,557
West Yorkshire Met County Deaths	19,408	19,179	19,441	19,821	19,443
Cremation Rate (%)	79	80	81	80	80

Data sources – ONS (death rates) and Cremation Society of Great Britain (cremation rates); the base data are in **Appendix PB2** and **Appendix PB4**.

* number of cremations taking place in facilities in each Metropolitan County for 2014 as reported by the CSGB.

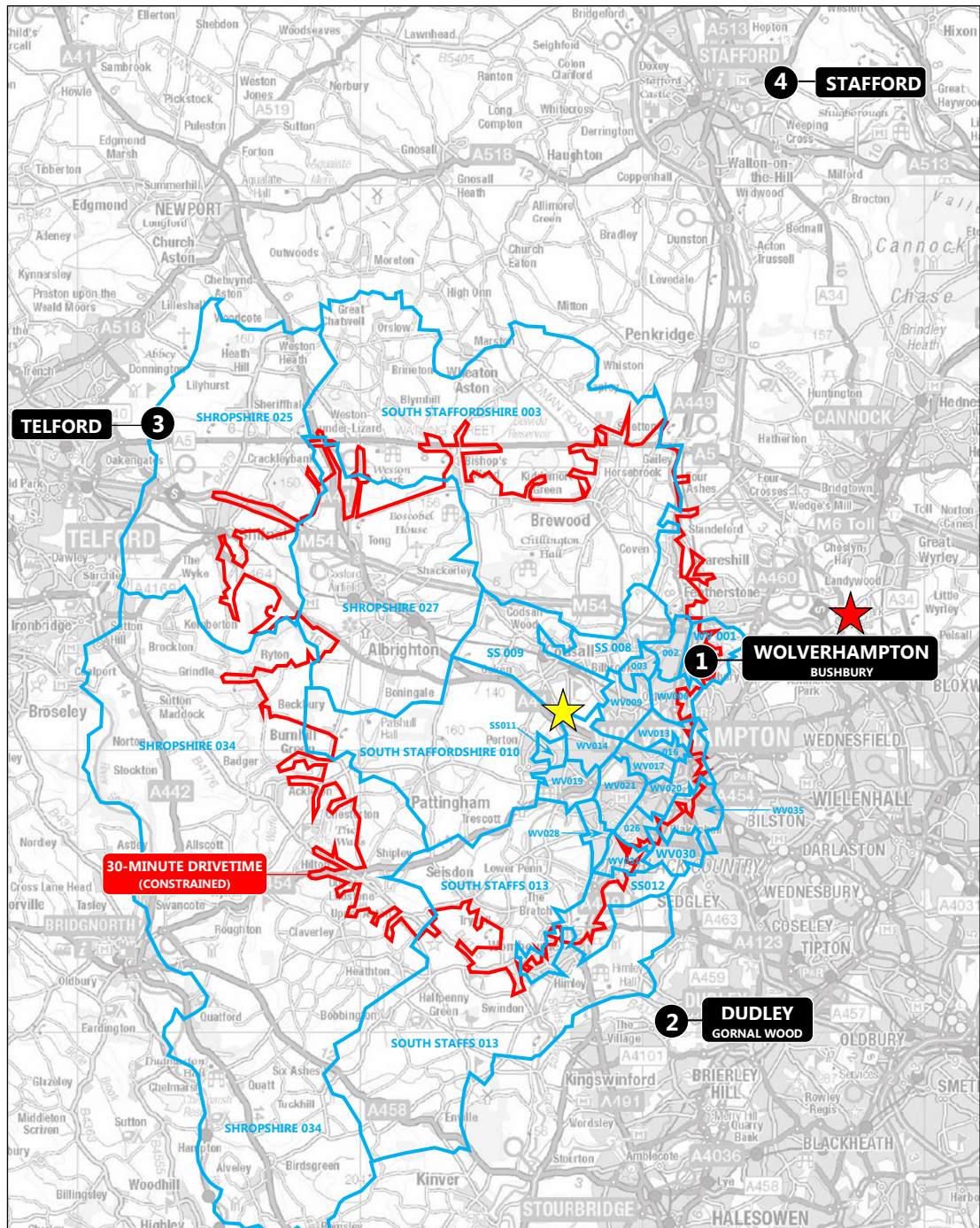
4. Usage of Facilities

- 4.47 Every crematorium has a theoretical maximum capacity which can be calculated as the total number of slots on any given day within the facility's opening hours, multiplied by the number of days *per annum* that the facility is in operation. However, in practice, not all of these slots will or can be used. This was recognised in Camborne (paragraph 23). In that appeal, the Inspector identified that it was not realistic to expect that every available time slot, especially those in the early mornings or late afternoons, could or would be utilised. The reasons for this, which underlie the assumption that 75% of slots are 'core slots', are explained further in the **Proof of Evidence of Mr Lathbury**.

Assessment of Quantitative Need

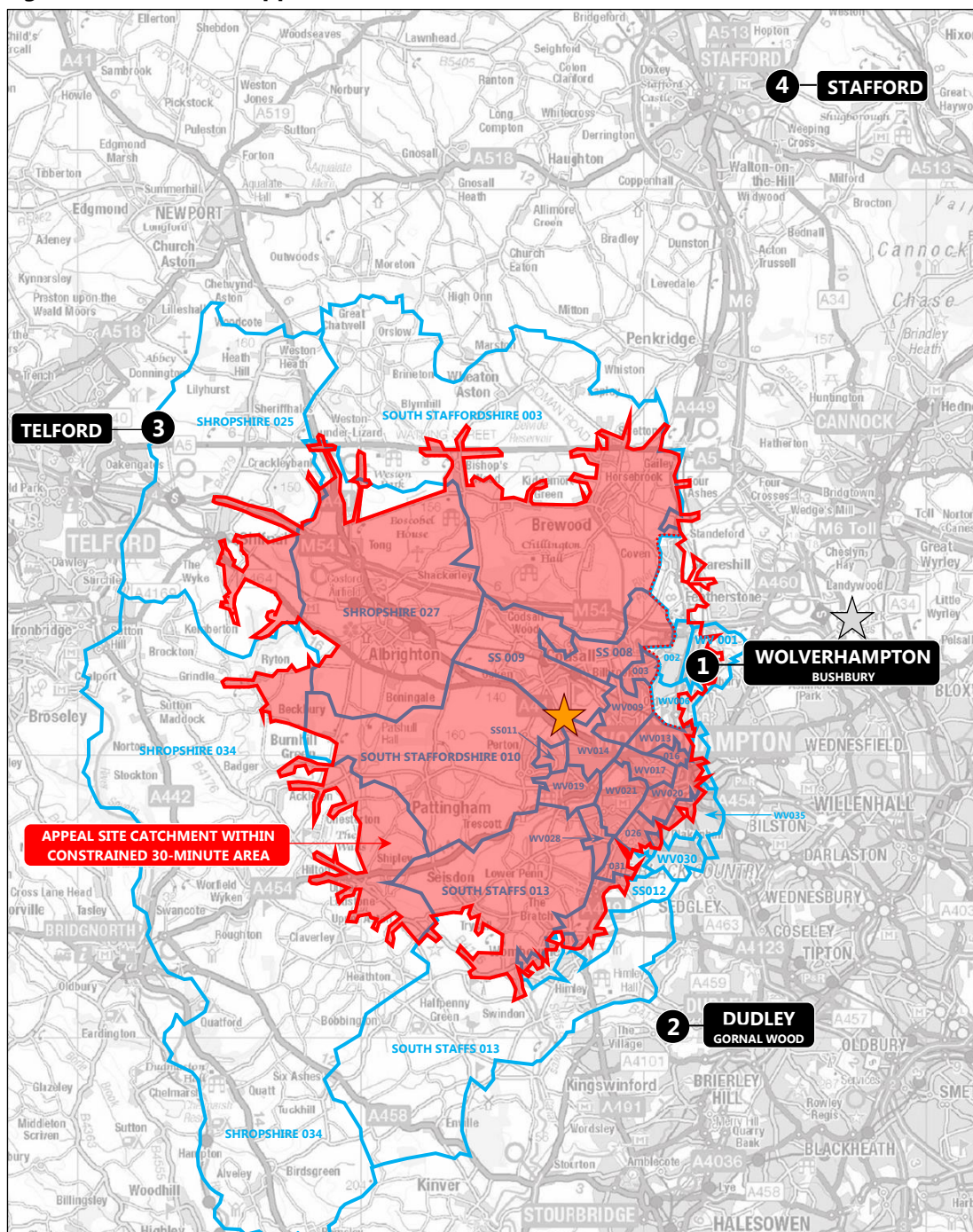
4.48 As I have noted earlier I have obtained 2015 population and death rates for the areas in and around South Staffordshire by MSOA. These are on **Sheet A2** of my **Appendix PB4**. The MSOAs are illustrated on **Figure 4.8**.

Figure 4.8 – MSOAs (outlined blue) in the Appeal Site’s Constrained 30-minute Drivetime



4.49 On **Figure 4.9** I illustrate the area from which, based on the gravity model principles referred to earlier, people within the 30-minute area are likely to gravitate towards a new crematorium at the Appeal Site. It is important to highlight that this is just the area within the 30-minute drivetime because, undoubtedly, people from rural areas (eg around Bridgnorth) will travel further than 30 minutes if they wish to use a crematorium because of the absence of any closer alternative. Those areas have, however, been disregarded for the purposes of this assessment.

Figure 4.9 – ‘Refined’ Appeal Site Catchment Within the Constrained 30-minute Drivetime



4.50 The area within the 30-minute area that is between the Appeal Site and Bushbury has primarily been apportioned on the basis of the comparative ease of reaching each facility by road,

including that if travelling to Bushbury people to the west and south would have to negotiate the city centre ring road whereas journeys travelling away from the city are likely to be easier, particularly at peak travel times.

- 4.51 On the basis of these refinements to the catchment area, the population would be as set out in **Table 4.6** below. For the avoidance of doubt this population relates to the area shaded pink within the constrained 30-minute catchment area on **Figure 4.9** above.

Table 4.6 – Population and Death Rates at 2015 in ‘Refined’ 30-minute Catchment

Actual 2015 Population <i>number</i>	Actual 2015 Deaths <i>number</i>	2015 Mortality Rate <i>%</i>
139,363	1,299	0.94

Source – Pitney Bowes / National Statistics; allow for rounding. Data for 2015 at Appendix PB4.

Capacity of Existing Facilities

- 4.52 For the purposes of this Proof of Evidence I have again reviewed the capacity of existing facilities based on current operating characteristics.

Operating Assumptions

Operating Days

- 4.53 Whilst the Appellant makes its facilities available at weekends (by appointment only), crematoria rarely operate seven days a week, including because of funeral directors’ and other celebrants’ lack of availability at weekends. They are also likely to close on public holidays.
- 4.54 As in the 2014 Assessment and my FPOE, I have assumed that eight days *per annum* are weekday bank holidays, working on the assumption that where a bank holiday falls on a Saturday or Sunday a weekday will be declared a bank holiday. On that basis, there would be **252 weekdays per annum**.
- 4.55 Based on telephone enquiries to each of the facilities within the study area, two of them (Telford and Stafford) offer the possibility of Saturday services by appointment. For each of those facilities I have assumed **an additional 50 services per year** which is likely to be an optimistic assumption.

Utilisation Rate

- 4.56 Another factor to take into account, and as noted in appeal decisions, is that it is unrealistic to assume that crematoria will operate at capacity. Future bookings cannot be predicted with certainty; usage varies because of external factors, for example people will not necessarily book the earliest slot but may wait for a time that suits them better or for when a celebrant is available; they may decide to wait for a double slot because a high frequency service can degrade the quality of the experience. Furthermore, even where there are two chapels at a crematorium, restricted parking could mean that only one service may take place at any one time.

4.57 I have therefore assumed that crematoria will be operated at **75% of theoretical capacity** having regard to the usage of core and non-core slots as discussed in the **Proof of Evidence of Mr Lathbury**. This is consistent with the approach adopted elsewhere. It is also the same assumption that I adopted in the 2014 Assessment and in my FPOE.

Seasonal Variations

4.58 Facilities have to be able to cope with peak months. As I noted earlier in this section, I have analysed more recent monthly variations in death rates according to data from the ONS. On the basis of those statistics I have assumed that the death rate for the peak month is **24%** above the monthly average.

4.59 Taking account of those assumptions, and based on the information in **Table 4.1**, I have calculated the theoretical capacity of each existing facility (**Table 4.7**), including weekend slots albeit, as noted earlier, these are often unused. Then I have calculated the factored capacity (**Table 4.8**). ‘Factored capacity’ represents the theoretical capacity adjusted to reflect the 75% utilisation rate on the basis that a proportion of slots are unlikely to ever be used.

Table 4.7 – Theoretical Capacity

Facility	Chapels	Service Frequency mins	Weekday Hours	Weekday Capacity per day	Weekday Capacity per annum	Weekend Hours	Weekend Capacity Sat & Sun	Weekend Capacity per annum
W'hampton Bushbury	2	45	0900-1630* 0915-1645*	18	4,536	N/A	N/A	N/A
Dudley	1	40	0900-1220, 1330-1650	9	2,268	N/A	N/A	N/A
Telford	1	60	0900-1700	8	2,016	by appointment	N/A	50
Stafford	1	30	0900-1630	15	3,780	by appointment	N/A	50

**both chapels in Bushbury have a 45 minute break in the middle of the day.*

Table 4.8 – Factored Capacity (Benchmark)

Facility	Theoretical Capacity	Usage Factor	Factored Capacity per annum	Mean Factored Capacity Monthly
W'hampton Bushbury	4,536	0.75	3,402	284
Dudley	2,268	0.75	1,701	142
Telford	2,066	0.75	1,550	129
Stafford	3,830	0.75	2,873	239

4.60 Taking account of the peak month’s number of deaths being 24% higher than the monthly average, I have then looked at how such a level of usage compares with the factored capacity of each facility to ascertain whether it would result in each facility operating under pressure (**Table 4.9**).

Table 4.9 – Comparison of Factored Capacity with Actual Usage and Peak Demand (2015)

Facility	Factored Capacity	Actual Annual Cremations	Mean Monthly Cremations	Peak Month*	Peak Month as % of Factored Capacity
	<i>monthly</i>	<i>actual (2015)</i>	<i>Mean</i>		<i>%</i>
Wolverhampton	284	2,645	220	273	96
Dudley	142	1,934	161	200	141
Telford	129	1,450	121	150	116
Stafford	239	1,819	152	189	79

* Based on mean month + 24% to reflect January peak; allow for rounding.

Capacity of Existing Facilities to Accommodate Growth

- 4.61 Turning now to whether those facilities can accommodate future growth, based on data from the Cremation Society of Great Britain ('CSGB'), the UK cremation rate has been approximately 75% over the most recent years for which data are available (see **Appendix PB2**).
- 4.62 As I noted earlier, for the purposes of this proof of evidence I have looked at cremation rates for England which are consistently higher than those for the UK and I have also looked at the metropolitan county areas which have cremation rates that are generally higher than the average for England (see **Table 4.5**).
- 4.63 This will be due to a number of factors including a relative lack of burial space in densely-populated urban areas and better provision of crematoria than in less-densely-populated areas.
- 4.64 This assumption does not take account of potential 'latent demand' for services arising from a new facility, a phenomenon that I discussed in the 2014 Assessment. In scenarios that I have examined elsewhere it has been the case that, following the opening of a new facility, the decrease in the number of services at existing facilities has been equivalent to about half the number of services performed at the new facility. The potential for 'latent demand' to constitute a proportion of services at a new facility is therefore not insignificant.
- 4.65 In preparing a need assessment in 2013 for a new facility in County Durham, for example, I found that in 2012 when the recently-opened Wear Valley performed 580 cremations, the number of cremations at other facilities had decreased by 331 which was equivalent to 57% of the number of cremations being performed at Wear Valley (see **Table 4.10**). Not all of these would have been diversion – there would have been some natural fluctuations in the numbers of deaths, hence my assumption that around half of the services would have been diverted. That means that the other services are likely to have been 'latent demand', ie they would have otherwise been burials.

Table 4.10 – Cremation Rates Before and After Wear Valley Opened in 2009

Crematorium	2008	2012	Change	Change %
Wear Valley	0	580	580	N/A
Hartlepool	854	834	-20	-2
Darlington	1,854	1,642	-212	-11
Durham	2,392	2,302	-90	-4
Teesside	3,708	3,699	-9	-0.2
Total ex Wear Valley	8,808	8,477	-331	-4

Source – Cremation Society of Great Britain.

4.66 Whilst making an allowance for latent demand could increase the predicted number of services at the Development (ie it could enhance the quantitative need case), I have not made such an allowance because I cannot predict with any certainty what the level of latent demand might be.

4.67 With regard to future estimates, I have used 2015 as the base year as this is the most recent year for which data are available and then projected ten years from that date.

Table 4.11 – Factored Capacity, Future Usage and Peak Demand (2025)

Facility	Factored Capacity	Actual Annual Cremations*	Mean Monthly Cremations	Peak Month**	Peak Month as % of Factored Capacity
	<i>monthly</i>	<i>estimated (2025)</i>	<i>Mean</i>		<i>%</i>
Wolverhampton	284	2,724	227	282	99
Dudley	142	1,992	166	206	145
Telford	129	1,493	124	154	119
Stafford	239	1,874	156	193	81

* estimate is 103% of 2015 actual usage as per growth rate at **Table 4.4**; ** Based on mean month + 24% to reflect January peak; allow for rounding.

4.68 As can be seen, at 2025 the existing capacity issues will have become more acute; both Dudley and Telford will continue to be performing in excess of factored capacity.

4.69 Stafford will continue to have the lowest slot usage in percentage terms (albeit not in absolute terms – it will continue to be second-busiest crematorium in the study area) but it should be borne in mind this is the facility with the shortest slot length (just half an hour, with only twenty minutes for services). This, however, is not expected to be affected by the Appeal Scheme albeit it is expected to be affected by development at Essington according to the 2016 planning application for Essington.

4.70 Usage of Bushbury will also continue to increase. As discussed by Mr Lathbury, even at the current rate of usage there are significant delays to services taking place at peak times, a situation that will not be addressed – indeed, it will worsen – if usage continues to rise without any additional capacity being created.

4.71 I noted earlier that quantitative and qualitative need cannot be considered discretely – they have to be in balance. An important point to note at this stage is that any apparent capacity at Bushbury is at the expense of the quality of the mourners’ experience. Indeed, if Bushbury was to offer one-hour slots with services lasting 45 minutes, as at Telford and as proposed at the

Development, this would mean that the facility could offer 12 daily services within the existing opening hours (09:00 to 16:45; I have assumed that the crematorium will continue to have a break in the middle of the day).

4.72 As shown in **Table 4.12**, one-hour slots would result in very great pressure on facilities. Even with extended opening hours to enable there to be 14 slots per day, there would still be significant pressure on facilities.

Table 4.12 – Wolverhampton-Bushbury with One Hour Slots at 2024

Wolverhampton – Bushbury	Factored Capacity	Annual Cremations	Mean Monthly Cremations	Peak Month*	Peak Month as % of Factored Capacity
	<i>monthly</i>	<i>estimate (2025)</i>	<i>Mean</i>		<i>%</i>
Existing opening hours (12 slots)	189	2,724	227	282	149
Extended opening hours (14 slots)	221	2,724	227	282	128

4.73 In practice, it is unrealistic to expect that every slot would be used in such a scenario. As Mr Lathbury has explained, the larger chapel at Bushbury is used more often than the smaller chapel and not all services will be capable of being accommodated in the smaller chapel. The consequence would then be people having to wait even longer for a service in the larger chapel which is a significant qualitative issue given that it would add to the distress of the bereaved at an already difficult time.

Diversion Following Construction of the Development

4.74 I anticipate that the Development would serve an area to the south-west, west and north-west of Wolverhampton, including parts of the western side of the Wolverhampton urban area. This is shown on **Figure 4.9** earlier in this section.

4.75 Using the same usage assumptions set out earlier, I expect the capacity of the Development to be as follows:

Table 4.13 – Theoretical Capacity of the Development

Service Frequency	Weekday Hours	Weekday Capacity	Weekday Capacity	Saturday Hours	Saturday Usage*	Saturday Usage	Theoretical Capacity
<i>mins</i>		<i>per day</i>	<i>per annum</i>		<i>Sat</i>	<i>per annum</i>	
60	09:00-17:00	8	2,016	<i>on request</i>	1	50	2,066

* estimate.

4.76 Bearing in mind the previously-discussed assumption that crematoria operate at approximately 75% of theoretical capacity, the factored capacity of the Development would be **1,550 services**.

4.77 The Development would serve a catchment area with a 2015 population of **138,363** and **1,299** deaths.

4.78 At a cremation rate of **80%**, this would equate to **1,039** cremations in 2015. This can be compared with recent new-build facilities such as Mendip which opened in 2011 and performed 708 services in 2014, and Sedgemoor which opened in 2013 and performed 674 services in 2014

I should note that, based on Dignity’s experience, a new location might take several years to mature. This is because it takes time for people, including funeral directors, to become aware of and to get used to using a new facility and also because, over time, there will be a greater ‘conversion’ rate – where more people choose cremation rather than burial because the new facility has made it a more realistic and convenient option for them.

- 4.79 On a *pro rata* basis (ie assuming that services are diverted in proportion to the extent of overlap between the constrained 30-minute drivetime areas), the number of services drawn from the catchment areas of existing crematoria (based on the 2015 data above) is estimated to be as in **Table 4.14**.

Table 4.14 – Services at New Facility (2015) – 80% Cremation Rate

From		Number of Services	Average per month	Peak Month*	Percentage Diversion <i>Peak Month</i>	Resultant Services <i>Annual</i>
1	W’hampton	926	77	96	35	1,719
2	Dudley	30	3	4	2	1,932
3	Telford	83	7	9	6	1,367
4	Stafford	0	0	0	0	1,819
Totals		1,039	87	109		

* Based on mean month + 24% to reflect January peak. Allow for rounding in totals.

- 4.80 This exercise demonstrates that the Development would primarily relieve pressure on the existing crematorium at Bushbury.
- 4.81 With regard to Telford, and as explained in the **Proof of Evidence of Mr Lathbury**, a proportion of Telford’s patrons come from the catchment area of the Development. Consequently, a high-quality facility at the Site with a similar qualitative offer to Telford would reasonably be expected to divert cremations from Telford, too.
- 4.82 Assuming that 926 services are diverted from Bushbury there would still be 1,719 cremations at Bushbury.
- 4.83 I would refer to this diversion being the ‘maximum effect’ because a reduction in pressure on facilities such as Bushbury could also give rise to diversion from other busy facilities, such as from Dudley to Bushbury, as other parts of the network adjust to changes in capacity.
- 4.84 In other words, a reduction in usage at Bushbury following the opening of the Development – and the consequential better availability of slots at Bushbury – might cause people who would have otherwise chosen other facilities that are experiencing significant pressure (such as Dudley) to divert to Bushbury instead.
- 4.85 Furthermore, I have not taken into account additional cremations (which could be up to 200), which arise from latent demand, for the reasons that I have articulated earlier in my evidence. My approach is, therefore, robust.

Quantitative Need and Diversion – Concluding Remarks

- 4.86 It is clear that the Development would primarily relieve pressure on the existing crematorium at Bushbury, which is overtrading and suffering from qualitative deficiencies in its offer.
- 4.87 With regard to Telford, and as explained in the **Proof of Evidence of Mr Lathbury**, a proportion of its patrons come from the catchment area of the Development. Consequently, a high-quality facility at the Site with a similar qualitative offer to Telford would reasonably be expected to divert some cremations from Telford, too.
- 4.88 Assuming that 926 services are diverted from Bushbury there would still be 1,719 cremations at Bushbury.
- 4.89 I have also looked at the effect of granting planning permission for a crematorium at Essington in addition to the Development; the diversion estimates are from Westerleigh’s 2016 planning application (16/00938/FUL) and the cumulative diversion is set out below at **Table 4.15**. Again this is likely to be the maximum effect. In addition, there is also likely to be some latent demand being satisfied in the Essington catchment, albeit probably to a lesser extent than the Development given that the area is already relatively better-served than the catchment of the Development. The diversion figures set out below are consistent with the parties' submissions that the Appeal Scheme and the Essington scheme would serve substantially different catchment areas.

Table 4.15 – Cumulative Diversion (2015)

From		Diversion to Appeal Site*	Diversion to Essington**	Resultant Services Annual
1	W'hampton	926	479	1,240
2	Dudley	30	0	1,932
3	Telford	83	0	1,367
4	Stafford	0	544	1,275
6	Streetly	0	444	1,646
Totals		1,039	87	

* as per **Table 4.15**; ** as in planning application 16/00938/FUL.

5.0 Summary and Conclusions

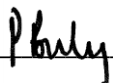
- 5.1 This Proof of Evidence relates to the need for a proposed crematorium on land off Holyhead Road, Wergs. The Development would offer one-hour slots in a modern, high-quality environment and these are addressed in the evidence of Mr Lathbury.
- 5.2 There is no planning policy or guidance that sets out the approach to assessing the need for a crematorium. I have undertaken this assessment using a gravity model technique and data that have been accepted in a number of previous appeal decisions. In identifying the catchment area of the Development, I have adopted the same approach as Westerleigh (in relation to its scheme, which is also the subject of this inquiry) in order to assist the Inspector.
- 5.3 There are a number of need considerations which are qualitative in nature, for example: travel times; service length; congestion; the availability of suitable slots; religious and cultural flexibility; the provision of up-to-date facilities; and the availability of memorial facilities.
- 5.4 Other considerations have a bearing on quantitative need, for example: the facility's catchment area; the location of other facilities; population, death and cremation rates; and usage of facilities.
- 5.5 There is, however, a very close relationship between quantitative and qualitative need – the various considerations cannot be considered discretely. Without additional capacity being created, qualitative improvements to existing facilities can have negative quantitative consequences and *vice versa*. Qualitative and quantitative need must therefore be considered in balance.
- 5.6 In this Proof I updated my original Assessment which was based on 2012 data and my FPOE which was based on 2014 data and I have used 2015 population data. I have updated other data, for example cremation rates, and have explained population trends with reference to recent ONS information. I have also updated the monthly variations in death rates and cremation rates based on the most recent five years of information.
- 5.7 Based on those data, and as at 2015, both Telford and Dudley are at or exceeding their factored capacity during the peak month. Bushbury is approaching its factored capacity.
- 5.8 Looking forward to 2025, Telford and Dudley will continue to operate under significant pressure and usage of Bushbury will continue to increase.
- 5.9 Thus the existing, already unacceptable, situation (where delays are common) will persist and people will continue to have to 'make do' with the most unpopular slots or wait for a more acceptable slot, both of which are significant qualitative issues given the effect that they can have on the bereaved.
- 5.10 Furthermore, whilst the assessment has regard to the usual annual peak in deaths, it does not take account of exceptional years where the overall death rate increases significantly. A network of facilities must be able to cope not only with annual peaks but also must have sufficient

flexibility to be able to deal with such general increases in the number of deaths and to do so in an appropriate manner. A funeral is often a very stressful and emotionally-charged event for those close to the deceased and, as such, all involved need be treated with the utmost sensitivity. Key to this is ensuring that the bereaved are afforded the time and space to have a service that conforms to their wishes and matches their expectations – it would not be acceptable to offer a lower quality of service to the bereaved simply because their loved one had died at a busy time.

- 5.11 I have noted on a number of occasions in my Proof of Evidence that quantitative and qualitative need cannot be considered discretely – they have to be in balance. The apparent capacity at Bushbury during the peak month is at the expense of the quality of the mourners' experience. Indeed, if Bushbury was to offer one-hour slots with services lasting 45 minutes (as at Telford and as proposed at the Development) it would be operating significantly in excess of its factored capacity in the peak month with the attendant negative qualitative implications.
- 5.12 If the Development is built I expect that it would primarily relieve such pressure at Bushbury. For the purposes of this exercise I have not assumed that there would be any re-distribution of crematorium usage as a result of this. Nevertheless the consequential better availability of slots at Bushbury might cause people who would have otherwise chosen other facilities that are experiencing pressure (such as Dudley) to divert to Bushbury instead. If so, there would be wider qualitative benefits arising from the Development.
- 5.13 Furthermore, I have assumed that all services at the Development would be diverted from existing facilities and I have not taken account of latent demand. This is because latent demand would be difficult to model with any accuracy. I have, therefore, adopted a robust approach.
- 5.14 In any event, this assessment demonstrates that even disregarding latent demand there is a clear quantitative (and qualitative) need for the Development.

6.0 Declaration

- 6.1 I confirm that, insofar as the facts stated in my Proof of Evidence are within my own knowledge, I have made clear which they are and that I believe them to be true, and that the opinions I have expressed represent my true and complete professional opinion.
- 6.2 I confirm that my proof of evidence includes all facts which I regard as being relevant to the opinions which I have expressed and that attention has been drawn to any matter which would affect the validity of those opinions.
- 6.3 I confirm that my duty to the Inspector and the Secretary of State as an expert witness overrides any duty to those instructing or paying me, that I have understood this duty and complied with it in giving my evidence impartially and objectively, and that I will continue to comply with that duty as required.
- 6.4 I confirm that I am neither instructed, nor paid, under any conditional fee arrangement.
- 6.5 I confirm that I have no conflicts of interest of any kind other than any already disclosed in my proof of evidence.
- 6.6 I confirm that my proof of evidence complies with the requirements of the Royal Town Planning Institute, as set down in the revised Royal Town Planning Institute 'Chartered Town Planners at Inquiries – Practice Advice Note 4'.

Signed: 

P Burley BA(Hons) MPhil MRTPI
Partner, Montagu Evans LLP

Date: 6 February 2017

Appendix PB1

Appeal Decision APP/M0933/W/15/3135605

Crooklands, South Lakeland

Appeal Decision

Site visit made on 2 March 2016

by M Seaton BSc (Hons) DipTP MRTPI

an Inspector appointed by the Secretary of State for Communities and Local Government

Decision date: 25 July 2016

Appeal Ref: APP/M0933/W/15/3135605

Land to the North of Junction 36 of the M6, adjacent to the A65, near Crooklands

- The appeal is made under section 78 of the Town and Country Planning Act 1990 against a refusal to grant planning permission.
 - The appeal is made by SCP Investments Limited against the decision of South Lakeland District Council.
 - The application Ref SL/2014/1231, dated 22 December 2014, was refused by notice dated 30 March 2015.
 - The development proposed is the erection of a crematorium with memorial gardens and associated landscaping, car parking, and a new access to A65 and changes of land use.
-

Procedural Matters

1. The planning application forms indicate the applicant to have been Property Alliance Group Ventures Ltd, whilst the grounds of appeal highlight SCP Investments Limited to be the appellant. However, I have had regard to correspondence received during the course of the appeal which confirms that Property Alliance Group Ventures Ltd had provided express permission for the appeal to be lodged on behalf of SCP Investments Limited.
2. I note that there is some discrepancy between the appellant's identification of the appeal site and the Council's reference on the Notice of Decision. However, I consider the Council's description to be more accurate in highlighting the precise location of the appeal site, and I have therefore also identified the appeal site on the same basis.
3. During the course of the planning application, the Council has indicated that the appellant submitted additional and revised plans and information, principally in respect of highway matters but also incorporating updates to the landscape proposals. On the basis of the submitted evidence, these submissions and documents have been addressed by the parties and my decision has therefore also taken them into account.

Decision

4. The appeal is allowed and planning permission is granted for the erection of a crematorium with memorial gardens and associated landscaping, car parking, and a new access to A65 and changes of land use on Land to the North of Junction 36 of the M6, adjacent to the A65, near Crooklands in accordance with the terms of the application, Ref SL/2014/1231, dated 22 December 2014, subject to the conditions attached in the Annex.
-

Background and Main Issues

5. On the basis of the evidence placed before me, the Council and appellant agree that the Development Plan comprises the policies of the South Lakeland Core Strategy 2010 (the Core Strategy), the South Lakeland Allocation of Land Development Plan Document 2013 (the DPD), and the saved Policies of the South Lakeland District Council Local Plan 2006 (the Local Plan). The Council has also drawn my attention to the South Lakeland Land Allocations Infrastructure Delivery Plan 2013 (the Delivery Plan), which recognises the need for a crematorium in the South Lakeland area, as a consequence of an increasing ageing population and the increasing popularity of crematoria.
6. Neither the Council nor appellant has drawn my attention to a specific Development Plan policy regarding crematoria, although the parties have referred me to locational criteria as set out in the primary legislation of the Cremation Act 1902, which are still engaged. In this respect, the Cremation Act advises that the crematorium should be at least 200 yards (183 metres) from any dwelling unless the owner, lessee or occupier has given their consent in writing, and at least 50 yards (46m) from a public highway. For the purposes of the Cremation Act, the expression "crematorium" is stated as meaning any building fitted with appliances for the purposes of burning human remains, and includes everything incidental or ancillary thereto.
7. I have had careful regard to the submissions of an interested party related to the siting of the crematorium, which includes reference to a new reception building approved at the entrance to the Millness Hill Caravan Park in 2013. The submission has also drawn my attention to the Department of the Environment (DofE) guidance, "*The Siting and Planning of Crematoria*" (1978). I note that the submitted reference to the DofE guidance highlights advice that the meaning and scope of crematorium would also include grounds used for the disposal of ashes.
8. The crematorium building would be set the minimum distance away from the closest dwelling-house, or in this instance holiday lodge, and whilst my attention has been drawn to the closer proximity of the approved reception building, I am satisfied that this would not contravene the siting restrictions set out in the Cremation Act. However, on the basis of the appellant's own submissions in the Grounds of Appeal, the memorial gardens comprising both formal courtyard spaces and gardens of remembrance would be open for mourners to scatter ashes, and in accordance with the DofE guidance regarding the meaning of crematorium, would be within the 183 metre minimum distance. Nevertheless, whilst I would consider the DofE guidance to remain extant albeit not as planning policy or guidance, the DofE guidance is intended as guidance for those planning or designing crematoria. In this respect, I would conclude that what would constitute a crematorium for the purposes of the Cremation Act would ultimately be a matter for the Courts and that in the absence of any detail relating to a conclusive legal judgement, this is not a decisive matter in determining this appeal.
9. I note that Policies CS1.1 and CS1.2 of the Core Strategy address the principle of development in the open countryside in accordance with a sequential approach to site location, and that development should be allowed only in exceptional circumstances where there is an essential requirement for a rural location. In this instance the appellant has followed a sequential approach to

the location of the proposed crematorium, but has been unable to identify existing buildings, previously developed land, or infill opportunities within settlements which would be suitable for the proposed use. This conclusion has not been disputed by the Council, who accept that a mainly open countryside location would be required given the constraints. I am also mindful from the submitted evidence that this conclusion is consistent with the views reached by Inspectors on previous appeal decisions.

10. I have noted that the issue of there being a need for a crematorium is common ground between the main parties, with reference having been made to the conclusions of a previous Inspector's decision for a crematorium at Levens, South Lakeland from 2005, as well as the aforementioned Delivery Plan in establishing the principle. Whilst I am mindful that neither main party has directed me towards any definitive background evidence which establishes the need, I accept that the current distances for South Lakeland residents to travel to the nearest crematoria in Lancaster and Barrow-in-Furness would be markedly reduced. This would fulfil the need for a qualitative improvement in the availability of facilities for the residents of South Lakeland.
11. I am mindful that the quantitative need for a crematorium has been disputed by interested parties on the basis that there is capacity at existing crematoria. A report submitted by an interested party challenges the premise that existing facilities in Lancaster and Barrow-in-Furness are working to capacity, on the basis of a reported conversation from February 2015 with the manager of the Lancaster & Morecombe Crematorium. However, I am mindful that it has generally been held in other appeal decisions that a crematorium operating at 100% capacity is a nominal or theoretical figure due to the technical limitations of equipment and the unpopularity of certain slots during the day. Furthermore, whilst the opening of a crematorium within South Lakeland may have an impact on the business and demand for existing crematoria further away, this must be balanced against the qualitative benefit of reducing the need to travel.
12. I have also considered the submissions regarding Office for National Statistics (ONS) figures for annual registered deaths in the South Lakeland area up to 2014, which it is contended demonstrate an overall decline in annual death rates over the past decade. However, on the basis of the actual figure there is a relatively limited variation over the reported period, and in any event the accepted basis for the quantitative need is based on future projections for an ageing population and demographic trends, from which it is concluded that demand is likely to grow. I find therefore in respect of the principle of a need for crematorium facilities within South Lakeland, the submissions of interested parties do not provide a substantive or compelling basis upon which to counter the Council's Delivery Plan and illustrate that there is not a need or that it should be provided elsewhere within the District.
13. My attention has also been drawn to the recent appeal decision from January 2016 granting planning permission for a crematorium at Beetham Hall, near Milnthorpe, which I consider to be a material consideration. However, whilst I am mindful of the circumstances related to this appeal, despite the Council's assertion of the applicant's intent to implement the planning permission, I do not consider that this provides a basis of any certainty that the development will proceed. Furthermore, there is no compelling evidence or reference within the Beetham Hall appeal decision that the development as approved would fully

satisfy quantitative and qualitative need within the District. I do not therefore consider the extant approval for Beetham Hall to be a decisive factor in assessing the acceptability of the proposed development.

14. In reaching a decision, the Council has highlighted that the proposed development of the appeal site would as a consequence of the various facets of the crematorium, result in a significant urbanising effect on a rural and agricultural setting, with the development introducing discordant and jarring features into the landscape. Furthermore, it has been concluded that the location of the crematorium would have an adverse effect on existing business in the vicinity, with particular reference to the impact on tourism.
15. As a consequence, the main issues are therefore;
 - The effect of the countryside location of the proposed development on the landscape, character and appearance of the area; and,
 - Whether the proposed development would result in adverse impact on tourism and local businesses.

Reasons

Landscape, character and appearance

16. The appeal site is comprised of a 2.75 hectare broadly triangular parcel of undeveloped grassland located to the north east of Junction 36 of the M6 motorway, and close to the junction between the A65 and A590. The land slopes upwards to the northern and western corners, with the western and southern boundaries defined by major roads, and the eastern boundary by the Lancaster Canal. I observed at the site visit development to the east of the canal to be fairly limited with occasional dwellings and buildings set adjacent to the canal, whilst Millness Hill Caravan Park is located to the north. To the south are more extensively developed areas comprising a rural auction centre and business village accommodating both office and light industrial floorspace. The appeal site is highlighted as not being located within an Area of Outstanding Natural Beauty (AONB), or a National Park.
17. The appellant submitted a Landscape and Visual Impact Assessment (LVIA) as a means of assessing and evaluating the changes to both the local and wider landscape as a consequence of the proposed development. The LVIA concludes that the change of the character of the site from undeveloped land to a crematorium would in landscape terms give rise to a low to moderate landscape effect in respect of landscape character, and a low landscape effect in respect of vegetation. It is also concluded that the development would give rise to a series of moderate visual effects, the most significant of which would be experienced in the immediate locality from surrounding land and development, with the principal effects experienced along the A65 and the public right of way which bounds the site. It is however contended that the change would be mitigated through tree planting and vegetation associated with the development. It is concluded in more distant views, such as from rights of way at Farleton Fell to the south, that there would be a minor change to the existing views of the landscape, but no a significant environmental effect. Nevertheless, whilst the overall conclusion is that there would be minor adverse landscape or visual impacts from the development from the permanent and irreversible nature of the development, it is accepted that some localised

- impacts would be adverse and more significant, despite the proposed mitigation and amelioration of the impact through the landscaping of the site.
18. On the basis of the submitted evidence, I note that the Council does not take issue with the baseline report of the LVIA but disagrees with the conclusions which have been reached. The Council also refers to the importance of the appeal site as an open area of transitional land at this junction, with the land viewed as an important part of the foreground of open, rural and agricultural views to Farleton Knott and to Howe and Scout Hill, and contests the description of the landscape context as semi-urbanised.
 19. In this respect, I do not disagree that the land makes a positive contribution to the landscape context, but it is evident from my observations that the character of the surrounding area has changed. The Council's description of the wider area as possessing a rural and agricultural character cannot be disputed, but I accept the appellant's contention that the immediate area now possesses a more urban characteristic than other parts of the wider rural area. This is clearly as a consequence of the extent and type of development and associated infrastructure which has already occurred, as well as the impact of the major transport corridors passing in the area of the appeal site. Whilst I recognise that it is not disputed that the loss of the open land on the appeal site would clearly have an adverse landscape effect and that there would be an increase in urbanisation of the land in the vicinity, I do not consider that the appeal site exhibits any particularly special landscape characteristics which dictate its preservation over and above any other rural site.
 20. I have carefully considered the Council's contention regarding the impact of the loss of the open land on the appeal site in the context of long views from Farleton Fell and Scout Hill. However, I agree that whilst it is clear that there would be a material change to the mosaic of fields in long views, the change would be viewed in the context of the existing development in the vicinity and on surrounding land.
 21. Turning to the proposal itself, I note that the Council does not dispute, despite its conclusions on the urbanisation of the site, that the treatment of the crematorium and formalised gardens would be well-designed, which would be a conclusion with which I would also agree. However, whilst I accept that the two proposed chimneys would in themselves appear as comparatively prominent features, I do not consider that they would significantly increase the overall prominence of the proposed development in the context of the landscape and the area. Furthermore, and as I have already concluded, the proposed landscaping and the topography of the appeal site would assist in mitigating any visual impact of the detailed design.
 22. I have carefully considered the impact of the proposed development on the landscape character of the area, as well as the appropriateness of the proposed design. On the basis of the submitted evidence and my observations of the site, I would accept the conclusions of the LVIA to be reasonable and that the development would have a low to moderate landscape effect in respect of landscape character and would give rise to moderate visual effects. I am satisfied that the proposed detailed design would be of a high quality, and that the proposed chimneys would not result in a significant overall increase in the visual prominence of the development. Nevertheless, whilst I have had regard to the proposed mitigation of the impact that existing and proposed planting

would have, the proposal would result in an adverse landscape impact to the detriment of the character and appearance of the area. This would conflict with Core Strategy policy CS8.2, which seeks to ensure the protection of the landscape, and that development is sympathetic to existing landscape character.

Tourism and rural business

23. The Council has expressed concern over the impact of the locational relationship between the proposed crematorium and surrounding business and tourism interests. In particular, the concerns have focussed on the visual relationship and proximity to Millness Hill Caravan Park and the nearby Longcroft Nursery, as well as the impact on users of the Lancaster canal footpath. Correspondence has also been received from interested parties in respect of the impact.
24. I have carefully considered the various submissions in respect of the relationship between the proposed development of the appeal site and the surrounding tourist and business uses. I have noted both the existing and proposed levels of landscaping and planting around the boundaries of the site, the location of proposed elements of the crematorium, as well as the visibility from various points surrounding the site, and I would agree with the Council's assessment that the site would be filtered by landscaping to some degree at all times of the year. However, I do not consider that it would be possible to provide full visual mitigation of the proposed crematorium and grounds from surrounding land uses, particularly in the location of the Lancaster Canal Path where the topography of the land surrounding the appeal site allows an overview of the site and its activities. Furthermore, and irrespective of the effectiveness of the landscaping of the site, I am satisfied that there would be an undoubted awareness and perception of the activities associated with the site.
25. Despite my conclusions in this respect, I note that the evidence which has been submitted regarding the impact on tourist uses and local businesses is somewhat anecdotal. Whilst undoubtedly users of the Lancaster Canal Path will be aware of the crematorium in passing the site, I am not persuaded given the limited stretch of the overall canal path which passes the site that this would be likely to dissuade potential users and walkers from continuing to visit and enjoy access to the canal.
26. With regards to Millness Hill Caravan Park, whilst on the basis of my observations I do not consider the appeal site to be visible from large parts of the caravan park, I have had careful regard to the submissions of an interested party related to a dismissed appeal decision from 1999 for a crematorium off Gatebeck Lane, Endmoor, Cumbria. In this appeal, the Inspector concluded it *likely that nearby tourist facilities would become less attractive because of negative public perceptions of Crematoria*. I have also noted the testimony of an owner of a holiday lodge and submissions related to the economic benefits that can be derived from holiday/leisure park developments. However, whilst I accept that there may be the potential for some limited impact, I do not consider these submissions to be sufficiently compelling to draw the conclusion that the level of any impact from the development, would be so adverse as to be unacceptable. By the same token, I also have no conclusive basis on which

to determine that the business interests of the nursery will be affected to the extent that there would be an overall adverse impact.

27. I am mindful in reaching my conclusions on the impact of the proposed development, that paragraph 28 of the Framework in seeking to provide support for a prosperous rural economy, advocates support for economic growth in rural areas in order to create jobs and prosperity. In this respect, the proposed development would accord with national policy. I note that the paragraph 28 also seeks to ensure the promotion of a strong rural economy by supporting sustainable rural tourism, which is reflected in the Council's economic aims as set out at Policy CS5 of the Core Strategy. In this respect, I accept that there may be the potential for some limited conflict with Policy CS5, albeit that this has not been conclusively demonstrated. Furthermore, any such conflict must also be considered in the balance of support for economic growth in rural areas.

Other Matters

Impact on Heritage Assets

28. In determining this appeal, I have a statutory duty, under Section 66(1) of the Planning (Listed Buildings and Conservation Areas) Act 1990, to consider the impact of the proposal on the special architectural and historic interest of the listed structure affected, and its setting. I am also mindful that paragraph 132 of the Framework states that when considering the impact of a proposed development on the significance of a designated heritage asset, great weight should be given to the asset's conservation. Paragraph 134 of the Framework confirms that where a development proposal would lead to less than substantial harm to the significance of a designated heritage asset, this harm should be weighed against the public benefits of the proposal. Planning Practice Guidance (PPG) confirms that what matters in assessing if a proposal causes substantial harm is the impact on the significance of the heritage asset, and that, in general terms, substantial harm is a high test and may not arise in many cases.
29. The heritage asset is a Grade II listed bridge over the Lancaster Canal dating from c.1816, and currently carrying the A65 road. The bridge is of limestone and features an elliptical arch, shallow arched parapets, with pilasters at each end, with steps up to the roadway. The significance of the heritage asset derives principally from its function as a means of bridging the Lancaster Canal, and there is no evidence before me that it possess any functional or historic relationship with the appeal site. Whilst I note that the bridge is located just to the north of the boundary of the appeal site, I would agree with the Council's assessment that the intervening landform, as well as the existing and proposed landscaping including trees and hedges, would reduce the inter-visibility with the appeal site. As a consequence, I am satisfied that the significance of the heritage asset would not therefore be diminished by the proposal as it would not detract from the setting, and would not therefore conflict with the policies of the Framework which seek to conserve and enhance the historic environment.

Other Possible Harm

30. In addition to the above and the main issues, interested parties have also raised concerns over a number of other matters, including highway safety, the

- appropriateness of the site in respect of existing sources of noise, the accessibility of the appeal site by alternative means of transport, the impact of the proposed development on ecology and flooding, and the potential impact of emissions from the crematorium.
31. In respect of highways, I have had regard to the conclusions drawn by the Council in conjunction with the Highways Agency, and Cumbria County Council as the Highway Authority. I note that further to concerns raised by the Highway Authority regarding the access arrangements that the appellant submitted revised plans to demonstrate the provision of a right turn filter lane including the widening of the highway, changes to the speed limit, and advanced directional signage. On this basis, and subject to the imposition of appropriate conditions, no objection has been raised to the proposed development by the Highway Authority. However, this conclusion has been reached on the premise that up to a maximum of four cremations would be undertaken at the site each day, which is consistent with the basis of assessment for traffic generation as set out within the appellant's own Transport Statement.
 32. With regards to whether the appeal site would provide a suitably tranquil location for a crematorium, I would acknowledge that the surrounding highway network is a major source of noise in the locality. However, ultimately I conclude that the impact of the existing noise environment is a matter for the operator of the crematorium to consider in respect of the appropriateness of the appeal site for the proposed use. This is not therefore a factor which I would regard as a reason for refusing the proposal.
 33. Turning to the opportunities to travel to the site by alternative means of transport, despite the good accessibility to the local and strategic road network, it is clear from the appellant's submissions that the availability of public transport to and from the site would be comparatively poor with only 7 bus services indicated on a daily basis, albeit that this is disputed as being only 4 services by the Parish Council. Furthermore, it is recognised within the appellant's Transport Statement that mourners would be expected to travel to the crematorium either by taxi or private car. In this respect, it is clear that the appeal site possesses relatively limited accessibility to public transport as a consequence of its rural location, and as such that there would be conflict with Policy CS1.1 of the Core Strategy, which seeks to wherever possible, minimise the need to travel and provide a choice of sustainable transport modes for all sections of the community.
 34. In respect of matters related to ecology and flooding, a phase I habitat survey accompanied the planning application, along with a flood risk assessment which assessed the surface water drainage of the site. Concerning ecological interest, the phase I habitat survey concluded that whilst some native hedgerow would be lost to facilitate the access to the appeal site, this would be compensated for by virtue of the replanting of native hedgerow elsewhere on the site, as well the planting of a large number of additional trees. I note that neither Natural England nor the Council has raised any technical concerns with the ecological work undertaken in support of the proposals, and I would agree with the conclusion that the overall scheme has the potential to improve the ecological value of the site.

35. With regards concerns over flooding, I have carefully considered the submissions of interested parties pertaining to recent incidences of flooding on part of the appeal site. However, this is clearly a consideration which has also been taken into account by both the appellant and the Council in reaching their conclusions on this matter, and I note that a condition has been suggested in order to secure a scheme of surface water disposal for both the site and the adjacent highway. I am also mindful that the Environment Agency has assessed the flood risk impacts resulting from the proposed development, but has not raised any objections in principle. As a consequence, I would agree that this is a matter which can be adequately secured through the use of planning conditions.
36. Concerns have been raised by interested parties over the potential impact of pollution and emissions from the crematorium, to the detriment of local residents and wildlife in the vicinity of the adjacent canal. In this respect, I have noted the absence of any technical representations from the Council's Environmental Health/Protection team, and also the conclusion that there would be a negligible impact on air quality. I am also mindful that any emissions from the crematorium would be controlled by an Environmental Permit. Furthermore, in this respect I have also had regard to paragraph 122 of the Framework, which requires local planning authorities to assume that where the control of processes or emissions themselves are subject to approval under pollution control regimes, that those regimes will operate effectively.
37. I have also noted that concerns over the adequacy of the consultation exercise undertaken in connection with the proposed development have been raised. However, whilst I have had regard to this issue, I have concentrated my decision upon the planning merits of the appeal, and this is not therefore an issue which has had any bearing on my determination of the appeal.

Benefits of the scheme

38. The Council Plan 2013-2017 and the Delivery Plan, which sit alongside the main Development Plan documents, identify there to be a need for a crematorium in South Lakeland, with it acknowledged that there is a current reliance placed upon existing facilities at Lancaster and Barrow-in-Furness, some considerable distance away for many residents. The issue of need represents common ground between the main parties, and whilst I have had regard to the submissions of interested parties on the same matter, no compelling evidence has been provided to counter the conclusions of the Council's Delivery Plan. In this respect, the provision of a local crematorium would substantially reduce the need to travel for that purpose within South Lakeland. Whilst I am mindful of the recent planning permission for a crematorium at Beetham Hall, it cannot be assumed that this development will be implemented or that it will provide sufficient capacity to meet the quantitative need of South Lakeland. Furthermore, I note that the Council's Delivery Plan has indicated the historic difficulties of establishing an appropriate site for a crematorium, and I therefore would conclude that addressing this identified social need would clearly be in the public benefit, and would add substantial weight in support of the proposals.
39. On the basis of the submitted evidence, the proposed development would provide four permanent jobs, as well as 15 temporary construction jobs, which even if the overall number of jobs is limited, would nevertheless support

economic growth in a rural area, which would be consistent with the underlying objective of paragraph 28 of the Framework. In respect of environmental benefits, it is highlighted that sustainable measures would be incorporated within the building design, and as has already been addressed, there would be an overall reduction in the need to travel long distances to the existing crematoria at Lancaster or Barrow-in-Furness. My attention has also been drawn to the biodiversity benefits arising from the enhanced and additional planting and landscaping of the site.

Planning Balance and Conclusion

40. I have concluded that the proposed development of the appeal site for a crematorium would result in an adverse landscape impact to the detriment of the character and appearance of the area. I have also concluded that the proposals would have the potential to result in some limited conflict with local business interests and the tourism objectives of the Development Plan, and that the appeal site possesses only limited access to public transport. These are matters which cumulatively I would attach a moderate level of weight to.
41. Despite its rural setting, which I acknowledge to have taken into account the locational constraints imposed by existing legislation and the characteristics of the site, on the basis of the submitted evidence, and being mindful of the recent planning permission for a crematorium at Beetham Hall, I am satisfied that there remains both a quantitative and qualitative need for the provision of a crematorium within South Lakeland. This is a matter to which I attach substantial weight. I also recognise that the proposed development would provide some limited support for the rural economy, and would result in the potential for enhancement of biodiversity interests on the appeal site. Furthermore, the proposals would not diminish the significance of the setting of the nearby listed building, and in respect of other possible harm identified by interested parties in relation to the proposed development, I conclude that none would be likely to result from the scheme.
42. Overall, I therefore conclude that the harm likely to be caused by the proposal would be outweighed by the benefits of the proposed development, and that for the reasons given above, and subject to the conditions attached, the appeal should be allowed.

Conditions

43. Turning to the suggested conditions, I have considered these in the light of paragraph 206 of the Framework. This paragraph sets out that planning conditions should only be imposed where they are necessary, relevant to planning and to the development to be permitted, enforceable, precise, and reasonable in all other respects.
44. I have added conditions related to timeliness and the identification of plans as they are necessary in the interest of proper planning and to provide certainty. In order to safeguard the appearance of the development and the countryside, conditions are necessary in respect of details and samples of external surface materials, the provision of a scheme of hard and soft landscaping, as well as details of external lighting, which would also be necessary to safeguard adjoining land uses. In this respect, conditions related to the submission and implementation of a Construction Method Statement, controls over operational hours and delivery times would also be necessary.

45. In respect of operational controls, I have had regard to the appellant's submissions, and I see no reason why a start time of 0830 rather than 0900 would be unacceptable Monday to Friday. Nevertheless, whilst I have noted the appellant's contention regarding the need for flexibility in the daily numbers of funerals that may take place, I do not consider in the light of the assessment criteria employed in the various supporting technical reports regarding the impact of the proposed development, that it would be unreasonable of the Council to seek to restrict the maximum number of daily events on a similar basis.
46. Schemes of surface and foul water disposal would be necessary in the interests of the environmental management of the site, as would details of proposed floor levels, and a scheme to remove suspended solids from surface water run-off during construction works. Conditions related to the submission of a Construction Method Statement, the provision of a pedestrian and vehicular access to the surrounding highway would be necessary in the interests of highway safety. A condition securing the implementation of a programme of work would be in the interest of the archaeological and heritage interest of the site.

M Seaton

INSPECTOR

Annex

Conditions

- 1) The development hereby permitted shall begin not later than three years from the date of this decision.
- 2) The development hereby permitted shall be carried out in accordance with the following approved plans: Drawing Numbers 2014-049_004 Rev. F, 2014-049_005 Rev. D, 2014-049_006 Rev. H, 2014-049_009 Rev. E, 2014-049_011 Rev. C, 2014-049_020 Rev. D, 2014-049_030 Rev. C, 2014-049_031 Rev. D, 10777_L001 Rev. B, 10777_L002 Rev. B, 10777_L003 Rev. B, 10777_L004, 10777_L005 Rev. A, 10777_L006 Rev. A, 10777_L007 Rev. A, and 0635-F02 Rev. B.
- 3) The development hereby permitted shall not be commenced until samples of the materials and finishes to be used for the external elevations of the buildings and roofs of the proposals have been submitted to and approved in writing by the Local Planning Authority. The development shall be carried out in accordance with the approved materials and finishes.
- 4) No development shall begin until a scheme for the disposal of surface water (surface water, land drainage and highway drainage), including a timetable of implementation, and foul water for the site has been submitted to and approved in writing by the Local Planning Authority. The foul and surface water shall be drained on separate systems and the surface water scheme shall be based on sustainable drainage principles, an assessment of the hydrological and hydrogeological context of the development; and section 7.0 – Recommendations of the Flood Risk Assessment dated December 2014, referenced C1099/EAJ/jt/Y0353 and produced by Shepherd Gilmour Infrastructure Limited. The drainage scheme shall demonstrate that surface water run-off generated up to an including the 1 in 100 year plus climate change critical storm will not exceed the run-off from the undeveloped site following the corresponding rainfall event. The system shall be implemented and thereafter retained in accordance with the approved details.
- 5) The development hereby permitted shall not be commenced until details indicating the proposed floor levels of all buildings and parking areas to a fixed datum point, has been submitted to and approved in writing by the Local Planning Authority. The development shall not be carried out other than in accordance with the agreed levels.
- 6) The development hereby permitted shall not be commenced until a scheme to dispose of foul water to a package treatment plant has been submitted to and approved in writing by the Local Planning Authority. The scheme shall be implemented in accordance with the approved details.
- 7) The development hereby permitted shall not be commenced until a Construction Method Statement has been submitted to and approved in writing by the Local Planning Authority. The approved Statement shall be adhered to throughout the construction period. The Statement shall provide for:
 - The parking of vehicles of site operatives and visitors;

- Loading and unloading of plant and machinery;
 - Storage of plant and materials used in the construction of the development;
 - Wheel cleaning facilities;
 - Measures to control the emission of dust and dirt during construction;
 - A scheme for the recycling/disposing of waste resulting from demolition and construction works;
 - Measures to control noise during construction; and,
 - A signage and temporary access strategy for construction traffic.
- 8) Before the development hereby permitted is first brought into use a new vehicular and pedestrian access shall be created to the A65 in accordance with a scheme to be submitted to and approved in writing by the Local Planning Authority. The road access shall be laid out, constructed and provided with visibility splays in either direction, the area in advance of the sightlines being maintained throughout the life of the development clear of any object greater than 1 metre in height (0.6 metre in the case of vegetation) relative to the adjoining nearside carriageway channel level.
- 9) No development shall begin until the speed limit (40mph) has been relocated, a clear way has been implemented and advanced directional signs implemented in accordance with a scheme which has first been submitted to and approved in writing by the Local Planning Authority.
- 10) No development, other than works to implement the access, shall begin until the access and associated alterations to the highway layout including the right hand filter lane, clear way and advanced directional sign within the A65 have been implemented in accordance with drawing number 0635-F02 Rev. B.
- 11) Before installation, a scheme must be submitted to and approved in writing by the Local Planning Authority, detailing the proposals for external lighting. All works must be fully implemented in accordance with the approved scheme before the use commences. The lights must be positioned on site to minimise light trespass and glare, and maintained as such throughout the working life of the installation.
- 12) The Crematorium and associated gardens shall be open for burials or cremations from 0830 to 1700 hours Monday to Friday, and on a Saturday between 0900 to 1200 hours, and at no time on Sundays or Bank/Public Holidays. No more than four cremations shall take place each day.
- 13) No construction works, movement of traffic, or deliveries to and from the premises, shall occur other than between 0800 and 1800 hours on weekdays and between 0800 and 1300 hours on Saturdays, and at no time on Sundays or Bank/Public Holidays.
- 14) No development shall take place until there has been submitted to and approved in writing by the Local Planning Authority, a scheme of hard and soft landscaping including its management. All planting, seeding or turfing indicated on the approved landscaping scheme shall be carried out in the first planting and seeding seasons following the occupation of the

buildings or the completion of the development, whichever is the sooner; and any trees or plants which within a period of five years from the completion of the development die, are removed, or become seriously damaged and diseased, shall be replaced in the next planting season with other of a similar size and species.

- 15) No development shall be carried out on the land until the applicant or the agents or successor in title, has secured the implementation of a programme of archaeological work in accordance with a written scheme of investigation and timetable which has been submitted to and approved in writing by the Local Planning Authority. The written scheme of investigation shall include the following components:
- a) An archaeological evaluation; and
 - b) Archaeological recording programme the scope of which shall be dependent upon the results of the evaluation.

Where significant archaeological remains are revealed by the programme of archaeological work, a post-excavation assessment and analysis, preparation of a site archive ready for deposit at an appropriate store, compilation of an archive report and a report of the results suitable for publication in a specialist journal shall be submitted to the Local Planning Authority.

- 16) The development hereby permitted shall not be commenced until such time as a scheme to treat and remove suspended solids from surface water run-off during construction works has been submitted to and approved in writing by the Local Planning Authority. The scheme shall be implemented as approved.

Appendix PB2
Extracts from *Cremation Directory*
2016

Year	ENGLAND & WALES			SCOTLAND			N. IRELAND			UNITED KINGDOM		
	Number of Deaths+	Number of Cremations	Percentage	Number of Deaths+	Number of Cremations	Percentage	Number of Deaths	Number of Cremations	Percentage	Number of Deaths+	Number of Cremations	Percentage
2004	517,782	388,091	74.95	56,504	34,399	60.88	14,467	2,345	16.21	588,753	424,835	72.16
2005	516,477	387,832	75.09	56,039	34,454	61.48	14,313	2,398	16.75	586,829	424,684	72.37
2006	506,201	380,574	75.18	55,389	33,946	61.28	14,621	2,361	16.15	576,211	416,881	72.35
2007	507,652	380,764	75.00	56,313	34,557	61.37	14,751	2,599	17.62	578,716	417,920	72.22
2008	512,707	385,346	75.16	56,025	34,902	62.30	15,022	2,605	17.30	583,754	422,853	72.44
2009	495,036	377,326	76.22	54,173	34,075	62.90	14,532	2,469	16.99	563,741	413,870	73.41
2010	496,956	376,998	75.86	54,258	34,050	62.76	14,562	2,732	18.76	565,776	413,780	73.13
2011	488,179	376,511	77.13	53,960	34,536	64.00	14,295	2,798	19.57	556,434	413,845	74.37
2012	502,889	387,364	77.03	55,211	35,554	64.40	14,862	2,866	19.28	572,962	425,784	74.31
2013	510,074	397,279	77.89	54,934	36,000	65.53	15,078	3,001	19.90	580,086	436,280	75.21
2014	504,678	390,494	77.38	54,467	35,746	65.63	14,759	3,014	20.42	573,904	429,254	74.80
2015	*533,136	421,150	*78.99	*57,784	38,547	*66.71	*15,623	3,219	*20.60	*606,543	462,916	*76.32

+ 1995 onwards - Source: Office for National Statistics, the Office of the General Register of Scotland and the Northern Ireland Statistics and Research Agency. Crown Copyright.

* Provisional figures as at 15th April 2016

TABLE OF CREMATIONS CARRIED OUT IN UNITED KINGDOM

The Cremation Society acknowledges with thanks the co-operation of the Federation of Burial & Cremation Authorities in compiling these statistics

* Basic Cremation Fee comprises cremation fee plus Medical Referee's fee and environmental surcharge if applicable.
 ** The total crematorium charges include the following services: use of chapel, waiting rooms and all attendances, floral decoration, music (recorded or organ), scattering/strewing of ashes, Medical Referee's fee and environmental surcharge if applicable.
 N/R (Not recorded), RC (Roman Catholic)

CREMATORIA	1 Jan-31 Dec 2014	1 Jan-31 Dec 2015	Total Since Opening	2015 Total for County	RCs Recorded	*April 2015 Cremation Fee from	*April 2016 Cremation Fee from	**Total Crematorium Charges from
BEDFORDSHIRE (2)								
Bedford	1,637	1,807	76,560		79	£647.00	£669.70	£721.80
Luton	1,714	1,864	119,998	3,671	N/R	£705.00	£720.00	£720.00
BERKSHIRE (4)								
Bracknell	1,861	1,916	59,507		N/R	£739.00	£773.00	£773.00
Reading	1,636	1,746	127,017		N/R	£715.00	£725.00	£725.00
Slough	1,368	1,541	82,769		94	£735.00	£760.00	£760.00
West Berkshire (Thatcham)	1,164	1,149	9,584	6,352	46	£765.00	£815.00	£815.00
BRISTOL (3)								
Bristol (Canford)	1,569	1,681	126,576		N/R	£682.00	£715.00	£715.00
Bristol (South)	1,806	1,986	76,666		N/R	£682.00	£715.00	£715.00
Westerleigh	2,133	2,352	41,713	6,019	70	£750.00	£795.00	£795.00
BUCKINGHAMSHIRE (2)								
Amersham (Chilterns)	3,278	3,552	130,262		N/R	£535.00	£546.00	£546.00
Milton Keynes	1,882	1,990	48,473	5,542	79	£701.50	£910.00	£949.00
CAMBRIDGESHIRE (3)								
Cambridge	2,541	2,845	157,565		64	£674.00	£704.00	£704.00
March (Fenland)	735	878	3,856		29	£762.00	£815.00	£815.00
Peterborough	2,097	2,168	110,263	5,891	N/R	£745.00	£783.00	£783.00
CHESHIRE (6)								
Chester	1,978	2,031	85,588		N/R	£650.00	£715.00	£715.00
Crewe	1,221	1,083	59,201		39	£595.00	£620.00	£650.00
Macclesfield	1,497	1,607	69,661		66	£577.00	£620.00	£650.00
Northwich (Opened July 2014)	264	1,002	1,266		61	£680.00	£695.00	£720.00
Warrington	2,036	2,018	84,793		534	£588.00	£607.00	£632.00
Widnes	560	638	31,192	8,379	N/A	£637.00	£650.00	£650.00
CLEVELAND (3)								
Hartlepool	829	1,009	50,356		N/R	£670.00	£686.00	£686.00
Kirkleatham (Opened January 2014)	803	1,018	1,821		63	£640.00	£705.00	£740.00
Middlesbrough	2,932	3,124	176,974	5,151	N/R	£642.00	£670.00	£700.00
CORNWALL (3)								
Bodmin	1,486	1,563	30,559		38	£815.00	£872.00	£872.00
Camborne	1,133	1,291	5,517		30	£645.00	£695.00	£695.00
Truro	1,495	1,590	125,050	4,444	44	£601.50	£615.00	£615.00
CUMBRIA (3)								
Barrow-in-Furness	973	982	45,757		N/R	£721.00	£737.00	£737.00
Carlisle	1,372	1,481	84,307		N/R	£750.00	£772.50	£817.50
Distington (Whitehaven)	961	1,028	34,476	3,491	103	£778.50	£792.50	£792.50
DERBYSHIRE (3)								
Alfreton (Amber Valley) (Opened January 2015)	0	868	868		15	£625.00	£720.00	£755.00
Chesterfield	2,134	2,220	106,592		N/R	£625.00	£650.00	£693.00
Derby	2,885	2,765	180,602	5,853	N/R	£617.00	£697.00	£697.00
DEVON (6)								
Barnstaple	1,446	1,537	58,021		N/R	£620.00	£630.00	£630.00
Exeter	2,322	2,432	153,108		64	£809.00	£865.00	£865.00
Plymouth (Efford)	1,024	1,173	104,556		N/R	£825.00	£825.00	£845.00
Plymouth (Weston Mill)	1,495	1,638	69,309		N/R	£825.00	£825.00	£845.00
Torquay	2,353	2,472	143,642		N/R	£800.00	£845.00	£845.00
Whimple (East Devon)	1,262	1,380	5,910	10,632	31	£830.00	£850.00	£875.00
DORSET (3)								
Bournemouth	3,220	3,582	243,271		139	£680.00	£713.00	£713.00
Poole	2,429	2,682	67,615		N/R	£758.00	£758.00	£768.00
Weymouth	1,251	1,275	69,916	7,539	27	£734.50	£722.00	£722.00
DURHAM (4)								
Darlington	1,610	1,738	115,912		N/R	£697.00	£750.00	£750.00
Durham	2,189	2,265	106,722		156	£630.00	£650.00	£685.00
Mountsett	1,253	1,336	60,966		115	£579.50	£650.00	£650.00
Wear Valley	722	908	3,963	6,247	52	£681.00	£728.00	£764.00

CREMATORIA	1 Jan-31 Dec 2014	1 Jan-31 Dec 2015	Total Since Opening	2015 Total for County	RCs Recorded	*April 2015 Cremation Fee from	*April 2016 Cremation Fee from	**Total Crematorium Charges from
ESSEX (10)								
Basildon	1,936	2,180	31,730		149	£745.00	£795.00	£795.00
Braintree	832	969	5,296		16	£794.00	£844.00	£900.00
Brentwood	603	709	1,878		63	£747.00	£800.00	£800.00
Chelmsford	2,092	2,201	106,343		8	£612.00	£670.00	£670.00
Colchester	1,346	1,667	101,167		66	£702.00	£712.00	£712.00
Harlow	1,744	1,813	75,229		76	£745.00	£785.00	£785.00
Redbridge (Forest Park)	1,201	1,334	12,503		106	£745.00	£795.00	£795.00
Southend-on-Sea	2,237	2,503	165,393		119	£710.00	£740.00	£740.00
South Essex	3,042	3,192	198,799		227	£620.00	£730.00	£730.00
Weeley	1,497	1,400	45,869	17,968	54	£745.00	£760.00	£760.00
GLOUCESTERSHIRE (3)								
Cheltenham	1,828	2,016	119,252		N/R	£629.00	£645.00	£645.00
Gloucester (Coney Hill)	1,777	1,802	90,800		N/R	£680.04	£680.32	£745.22
Gloucester (Forest of Dean)	942	994	14,839	4,812	N/R	£740.00	£785.00	£785.00
HAMPSHIRE (6)								
Aldershot	1,605	1,648	102,080		N/R	£797.00	£816.00	£816.00
Basingstoke	1,738	1,806	28,617		71	£825.00	£882.00	£882.00
Havant	974	1,373	2,379		N/R	£739.00	£785.00	£845.00
Portchester	3,356	3,329	210,994		N/R	£550.00	£594.00	£647.00
Southampton	2,377	2,388	208,973		N/R	£670.00	£715.00	£715.00
Southampton (Wessex Vale)	1,624	1,757	8,917	12,301	68	£745.00	£785.00	£785.00
HEREFORDSHIRE (1)								
Hereford	1,477	1,653	61,852	1,653	62	£603.00	£684.00	£684.00
HERTFORDSHIRE (2)								
Harwood Park	2,300	2,427	37,933		122	£850.00	£890.00	£890.00
West Hertfordshire	3,024	3,182	182,795	5,609	N/R	£520.00	£540.00	£540.00
ISLE OF MAN (1)								
Douglas	570	600	26,065	600	N/R	£735.00	£753.50	£753.50
ISLE OF WIGHT (1)								
Whippingham	1,373	1,498	68,871	1,498	N/R	£658.00	£691.00	£728.00
KENT (8)								
Barham	2,306	2,520	130,422		N/R	£745.00	£790.00	£825.00
Charing	1,381	1,452	114,743		N/R	£745.00	£790.00	£825.00
Folkestone	718	740	40,097		45	£804.00	£858.00	£858.00
Maidstone	1,480	1,575	88,287		33	£621.75	£634.00	£634.00
Margate	1,618	1,672	82,385		N/R	£690.00	£705.00	£745.00
Medway	2,627	2,852	138,192		158	£575.00	£627.00	£662.00
Sittingbourne	1,194	1,293	11,709		66	£695.00	£720.00	£720.00
Tunbridge Wells	2,117	2,338	110,060	14,442	69	£621.00	£706.00	£763.00
LANCASHIRE (9)								
Accrington	914	986	54,438		113	£565.00	£575.00	£575.00
Blackburn	1,194	1,181	77,800		N/R	£633.00	£640.00	£640.00
Blackpool	1,462	1,894	159,086		194	£655.00	£670.00	£670.00
Burnley	1,536	1,560	96,291		139	£610.00	£622.00	£622.00
Chorley	1,214	1,219	8,806		168	£805.00	£861.00	£861.00
Lancaster & Morecambe	1,729	1,908	94,703		N/R	£847.00	£906.00	£906.00
Lytham St Annes	1,981	1,806	73,161		N/R	£600.00	£625.00	£625.00
Ormskirk (Opened February 2016)	0	0	0		N/R	£0.00	£695.00	£695.00
Preston	1,327	1,432	81,725	11,986	280	£583.00	£612.00	£612.00
LEICESTERSHIRE (3)								
Countesthorpe (South Leicester) (Opened February 2015)	0	921	921		18	£750.00	£820.00	£870.00
Leicester	3,180	2,729	210,131		N/A	£750.00	£765.00	£805.00
Loughborough	1,631	1,709	78,162	5,359	26	£834.00	£892.00	£892.00
LINCOLNSHIRE (7)								
Alford	965	1,111	7,452		16	£550.00	£580.00	£580.00
Boston	868	908	69,382		31	£650.00	£650.00	£650.00
Grantham	1,035	1,161	47,088		39	£784.00	£838.00	£838.00
Great Grimsby	1,554	1,686	99,353		34	£626.50	£638.50	£673.50
Lincoln	1,716	1,884	70,518		61	£620.00	£670.00	£670.00
Scunthorpe	1,559	1,655	65,957		64	£605.30	£685.00	£752.00
South Lincs	657	742	1,460	9,147	17	£650.00	£675.00	£725.00

CREMATORIA	1 Jan-31 Dec 2014	1 Jan-31 Dec 2015	Total Since Opening	2015 Total for County	RCs Recorded	*April 2015 Cremation Fee from	*April 2016 Cremation Fee from	**Total Crematorium Charges from
LONDON (24)								
Beckenham	1,698	1,677	119,663		N/R	£900.00	£956.00	£956.00
Croydon	1,728	1,905	166,078		196	£740.00	£760.00	£760.00
Eltham	3,809	3,960	225,117		300	£623.00	£654.00	£654.00
Enfield	2,094	2,273	243,422		N/R	£730.00	£781.00	£781.00
Golders Green	1,942	2,191	333,431		115	£655.00	£670.00	£670.00
Hendon	851	1,063	61,344		89	£650.00	£650.00	£650.00
Honor Oak	1,425	1,163	136,223		95	£660.50	£671.50	£671.50
Islington	881	915	60,162		N/R	£560.00	£575.00	£645.00
Kingston-upon-Thames	915	1,002	73,462		92	£550.00	£599.00	£599.00
Lambeth	685	791	53,462		156	£543.00	£599.00	£599.00
Lewisham	1,141	1,257	93,899		146	£667.00	£680.00	£749.00
London (City of)	2,585	2,630	266,668		264	£360.00	£380.00	£380.00
London (East)	543	596	34,834		N/R	£698.00	£739.00	£739.00
London (South)	896	1,010	212,147		175	£780.00	£831.00	£831.00
London (West)	997	981	88,987		262	£595.00	£650.00	£650.00
Manor Park	321	391	42,419		N/A	£650.00	£685.00	£685.00
Mortlake	2,187	2,468	183,337		N/R	£575.00	£575.00	£575.00
New Southgate	828	864	44,055		187	£745.00	£780.00	£780.00
North East Surrey	1,810	1,586	98,246		N/R	£535.00	£545.00	£545.00
Putney Vale	1,218	1,482	116,628		168	£587.00	£599.00	£599.00
Ruislip	3,055	3,183	225,088		300	£575.00	£614.00	£614.00
St Marylebone	640	716	87,143		72	£575.00	£590.00	£590.00
South West Middlesex	2,274	2,454	159,078		200	£490.00	£490.00	£530.00
West Norwood	480	1,055	45,433	37,613	293	£531.00	£599.00	£599.00
MANCHESTER (GREATER) (14)								
Altrincham	1,661	1,695	87,772		161	£639.00	£654.00	£654.00
Atherton (Howe Bridge)	1,005	1,082	13,833		152	£695.00	£735.00	£735.00
Bolton	2,152	2,282	205,311		N/R	£635.00	£675.00	£675.00
Bury	957	1,057	7,886		111	£805.00	£861.00	£861.00
Dukinfield	1,908	2,092	119,154		N/R	£650.00	£650.00	£676.00
Manchester (Blackley)	1,079	1,132	70,538		N/R	£590.00	£632.00	£632.00
Manchester (Chorlton-cum-Hardy)	1,966	2,020	252,391		314	£630.00	£695.00	£695.00
Middleton	402	438	29,096		N/R	£600.00	£623.00	£623.00
Oldham	1,525	1,625	94,629		N/R	£667.00	£678.50	£678.50
Peel Green	628	665	54,970		N/R	£740.00	£740.00	£740.00
Rochdale	1,124	1,266	113,621		N/R	£600.00	£623.00	£623.00
Salford	1,089	1,119	64,790		N/R	£740.00	£740.00	£740.00
Stockport	2,292	2,518	161,095		188	£662.00	£675.00	£724.00
Wigan	1,022	1,130	70,439	20,121	N/R	£600.00	£615.00	£640.50
MERSEYSIDE (6)								
Birkenhead	2,910	3,190	183,145		323	£630.00	£643.00	£643.00
Liverpool (Anfield)	1,883	1,995	184,589		N/R	£745.00	£755.00	£755.00
Liverpool (Springwood)	2,111	2,264	89,984		N/R	£745.00	£755.00	£755.00
St Helens	2,341	2,444	90,171		679	£566.00	£580.00	£580.00
Southport	1,618	1,734	89,331		238	£815.00	£855.00	£867.00
Thornton (Crosby)	1,502	1,579	71,357	13,206	535	£815.00	£855.00	£867.00
NORFOLK (4)								
Great Yarmouth	1,968	1,965	73,330		61	£660.00	£698.00	£751.50
King's Lynn	1,915	2,049	59,405		N/R	£676.00	£713.00	£739.50
Norwich (Earlham Road)	1,581	1,783	60,602		68	£852.00	£910.00	£910.00
Norwich (Horsham St Faith)	2,326	2,416	156,305	8,213	N/R	£852.00	£910.00	£910.00
NORTHAMPTONSHIRE (2)								
Kettering	2,433	2,657	128,833		N/R	£806.00	£806.00	£822.00
Northampton	1,819	1,999	109,210	4,656	N/R	£888.00	£943.00	£943.00
NORTHUMBERLAND (1)								
Blyth	1,379	397	76,141	397	13	£730.00	£732.00	£869.00
NOTTINGHAMSHIRE (4)								
Bramcote	2,994	3,156	98,596		N/R	£586.00	£615.00	£615.00
Mansfield	2,724	2,630	136,757		N/R	£583.50	£623.50	£623.50
Nottingham	1,999	2,267	223,966		N/R	£498.00	£545.00	£580.00
Sherwood Forest	1,073	1,107	9,828	9,160	15	£794.00	£849.00	£849.00
OXFORDSHIRE (3)								
Abingdon (South Oxfordshire) (Opened January 2015)	0	801	801		25	£810.00	£870.00	£915.00
Banbury	982	1,065	13,193		47	£795.00	£835.00	£835.00
Oxford	2,526	1,975	168,350	3,841	80	£886.00	£943.00	£943.00
SHROPSHIRE (2)								
Shrewsbury	1,694	1,939	106,532		N/R	£685.00	£699.00	£699.00
Telford	1,243	1,450	17,420	3,389	45	£719.00	£769.00	£769.00

CREMATORIA	1 Jan-31 Dec 2014	1 Jan-31 Dec 2015	Total Since Opening	2015 Total for County	RCs Recorded	*April 2015 Cremation Fee from	*April 2016 Cremation Fee from	**Total Crematorium Charges from
SOMERSET (6)								
Bath	1,534	1,655	126,667		54	£645.00	£710.00	£710.00
Mendip	708	771	3,229		37	£701.00	£750.00	£750.00
Sedgemoor	674	831	1,640		24	£625.00	£715.00	£740.00
Taunton	1,872	2,075	102,661		N/R	£650.00	£750.00	£750.00
Weston-Super-Mare	1,213	1,339	68,017		N/R	£815.00	£872.00	£872.00
Yeovil	1,524	1,721	62,005	8,392	N/R	£560.00	£674.00	£724.00
STAFFORDSHIRE (5)								
Bretby	1,539	1,717	52,003		45	£566.00	£615.00	£705.00
Lichfield	372	494	1,073		N/R	£625.00	£638.00	£638.00
Newcastle-under-Lyme	1,400	1,615	62,730		N/R	£651.00	£671.00	£671.00
Stafford	1,857	1,819	61,927		159	£625.00	£655.00	£655.00
Stoke-on-Trent	2,113	2,267	132,549	7,912	N/R	£575.00	£590.00	£590.00
SUFFOLK (4)								
Bury St Edmunds	2,047	2,263	46,701		72	£745.00	£785.00	£785.00
Ipswich	890	997	129,222		23	£630.00	£660.00	£660.00
Nacton (Seven Hills)	1,657	1,928	8,300		52	£630.00	£630.00	£678.00
Waveney (Opened November 2015)	0	75	75	5,263	N/R	£0.00	£720.00	£760.00
SURREY (3)								
Guildford	1,756	1,781	75,803		70	£755.00	£785.00	£785.00
Leatherhead	1,725	2,253	108,497		115	£900.00	£956.00	£956.00
Woking	1,570	1,627	158,042	5,661	132	£785.00	£825.00	£825.00
SUSSEX (EAST) (4)								
Brighton (The Downs)	1,278	1,343	178,821		72	£540.00	£584.50	£584.50
Brighton & Hove (Woodvale)	2,081	1,969	121,337		N/R	£600.00	£620.00	£620.00
Eastbourne	2,407	2,738	139,883		142	£620.00	£640.00	£655.00
Hastings	1,404	1,469	87,723	7,519	70	£615.00	£622.00	£622.00
SUSSEX (WEST) (3)								
Chichester	1,776	2,015	99,186		92	£900.00	£956.00	£956.00
Crawley (Surrey & Sussex)	2,872	3,107	163,939		167	£900.00	£956.00	£956.00
Worthing	2,964	3,361	155,067	8,483	N/R	£675.00	£771.50	£798.50
TYNE & WEAR (7)								
Birtley	389	465	38,754		40	£682.00	£716.00	£716.00
Gateshead	1,269	1,366	60,836		152	£682.00	£716.00	£716.00
Newcastle upon Tyne	2,891	3,302	250,276		N/R	£706.00	£734.00	£734.00
South Shields	1,379	1,512	71,897		138	£706.00	£742.00	£742.00
Sunderland	2,443	2,530	148,928		N/R	£626.00	£657.00	£657.00
Tynemouth	198	1,212	54,498		N/R	£693.00	£699.50	£699.50
Whitley Bay	1,790	1,836	41,759	12,223	N/R	£693.00	£699.50	£699.50
WARWICKSHIRE (4)								
Coleshill (Woodlands)	810	795	10,003		N/R	£660.00	£690.00	£735.00
Leamington Spa	1,719	1,691	75,275		89	£607.00	£630.00	£630.00
Nuneaton	1,975	2,078	79,640		N/R	£900.00	£956.00	£956.00
Rugby (Opened April 2014)	576	828	1,404	5,392	38	£750.00	£775.00	£775.00
WEST MIDLANDS (12)								
Birmingham (Lodge Hill)	1,836	2,094	184,955		235	£628.00	£685.00	£730.00
Birmingham (Perry Barr)	826	844	148,233		104	£716.00	£766.00	£766.00
Birmingham (Sutton Coldfield)	1,878	2,008	96,188		135	£628.00	£747.00	£747.00
Birmingham (Yardley)	1,199	1,215	123,353		N/R	£685.00	£747.00	£747.00
Coventry	2,389	2,528	175,190		N/R	£630.00	£667.00	£667.00
Dudley	1,676	1,934	78,234		N/R	£696.00	£752.00	£752.00
Rowley Regis	794	551	41,134		N/R	£631.00	£656.00	£656.00
Solihull	1,883	1,938	105,314		N/R	£660.00	£690.00	£735.00
Stourbridge	1,324	1,497	80,641		N/R	£696.00	£752.00	£752.00
Walsall	1,991	2,090	88,482		N/R	£657.00	£723.00	£723.00
West Bromwich	1,884	2,201	90,248		N/R	£631.00	£656.00	£656.00
Wolverhampton	2,460	2,645	146,447	21,545	176	£684.00	£701.00	£701.00
WILTSHIRE (3)								
Salisbury	1,315	1,573	81,185		74	£795.00	£815.00	£815.00
Swindon	1,996	2,028	82,275		85	£720.00	£740.00	£740.00
West Wiltshire	1,860	2,128	31,444	5,729	65	£755.00	£795.00	£795.00
WORCESTERSHIRE (3)								
Redditch	1,512	1,816	41,107		N/R	£540.00	£580.00	£610.00
Stourport (Wyre Forest)	847	1,051	3,575		46	£762.00	£815.00	£815.00
Worcester	1,998	1,967	91,412	4,834	92	£750.00	£760.00	£825.00
YORKSHIRE (EAST) (3)								
East Riding	1,133	1,233	19,954		N/R	£773.00	£826.00	£826.00
Haltemprice	1,317	1,521	23,459		28	£703.00	£752.00	£752.00
Hull	2,353	2,521	179,128	5,275	149	£620.00	£640.00	£640.00

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YORKSHIRE (NORTH) (4)								
Harrogate	1,461	1,594	77,518		N/R	£764.00	£787.00	£815.00
Scarborough	1,049	1,129	74,801		N/R	£610.50	£656.00	£656.00
Skipton	977	1,005	57,134		N/R	£615.00	£656.00	£656.00
York	2,219	2,342	107,571	6,070	87	£815.00	£856.00	£886.00
YORKSHIRE (SOUTH) (6)								
Barnsley	1,880	1,995	95,292		222	£673.00	£700.00	£700.00
Doncaster	2,389	2,495	121,490		96	£700.00	£700.00	£711.00
Rotherham	1,837	1,920	86,121		55	£824.00	£881.00	£881.00
Sheffield (City Road)	1,157	1,309	204,939		N/R	£650.00	£690.00	£690.00
Sheffield (Grenoside)	1,857	2,036	27,376		36	£670.00	£703.50	£703.50
Sheffield (Hutcliffe Wood)	1,641	1,786	85,073	11,541	N/R	£650.00	£690.00	£690.00
YORKSHIRE (WEST) (11)								
Bradford	1,011	1,058	123,586		117	£650.00	£694.00	£694.00
Dewsbury Moor	1,164	1,403	77,941		N/R	£663.00	£685.00	£685.00
Halifax	1,671	1,764	109,403		N/R	£655.00	£687.00	£687.00
Huddersfield	1,749	1,766	104,136		N/R	£663.00	£685.00	£685.00
Keighley	552	626	27,839		55	£650.00	£694.00	£694.00
Leeds (Cottingley Hall)	1,396	1,573	99,806		N/R	£778.00	£860.00	£860.00
Leeds (Lawnswood)	1,959	1,998	212,435		N/R	£778.00	£860.00	£860.00
Pontefract	1,724	1,853	86,880		N/R	£759.00	£793.00	£793.00
Rawdon	1,934	1,907	96,604		N/R	£778.00	£860.00	£860.00
Shipley	1,291	1,353	74,935		116	£650.00	£694.00	£694.00
Wakefield	1,106	1,133	55,441	16,434	N/R	£759.00	£793.00	£793.00
SCOTLAND (27)								
Aberdeen	2,563	2,732	146,948		N/R	£693.00	£693.00	£743.00
Ayr	1,283	1,417	83,564		N/R	£651.00	£788.00	£788.00
Cardross	591	658	26,452		N/R	£523.20	£628.00	£652.00
Clydebank	1,521	1,430	71,341		166	£570.00	£617.00	£617.00
Dumfries (Roucan Loch)	820	889	7,700		25	£715.00	£745.00	£745.00
Dundee	1,554	1,725	124,816		135	£883.00	£934.00	£934.00
Dunfermline	862	933	31,410		N/R	£626.00	£642.00	£642.00
Edinburgh (Mortonhall)	2,408	2,120	108,911		N/R	£680.00	£708.00	£741.00
Edinburgh (Seafield)	840	1,000	55,016		N/R	£685.00	£685.00	£685.00
Edinburgh (Warriston)	1,764	2,080	236,629		N/R	£685.00	£685.00	£685.00
Falkirk	1,901	2,045	88,897		N/R	£579.00	£693.00	£693.00
Friockheim	809	816	14,539		10	£883.00	£930.00	£930.00
Glasgow (Craigton)	886	936	70,595		112	£651.00	£652.00	£682.00
Glasgow (Daldowie)	2,568	2,911	200,748		N/R	£568.00	£599.00	£599.00
Glasgow (The Linn)	1,867	2,031	127,014		N/R	£568.00	£599.00	£599.00
Glasgow (Maryhill)	1,350	1,635	155,897		340	£625.00	£625.00	£625.00
Greenock	964	1,047	51,646		168	£511.60	£522.00	£522.00
Holytown	1,184	1,229	12,971		143	£701.00	£736.00	£736.00
Inverness	966	1,041	15,008		23	£638.00	£849.00	£903.00
Irvine	1,416	1,453	21,374		93	£778.00	£815.00	£815.00
Kirkcaldy	1,717	1,869	93,626		N/R	£626.00	£642.00	£642.00
Melrose (Borders)	695	770	2,672		N/R	£735.00	£770.00	£770.00
Moray	566	610	7,061		21	£890.00	£934.00	£984.00
Paisley	1,452	1,606	110,340		119	£570.00	£570.00	£600.00
Perth	1,077	1,214	55,495		N/R	£749.00	£749.00	£749.00
South Lanarkshire	1,341	1,506	12,333		N/R	£599.40	£599.40	£599.40
West Lothian	781	844	4,105	38,547	39	£735.00	£770.00	£770.00
WALES (14)								
Aberdare	1,257	1,224	50,038		N/R	£626.00	£655.00	£764.00
Aberystwyth	603	667	10,756		7	£695.00	£735.00	£735.00
Bangor	1,007	1,180	37,973		N/R	£523.00	£540.00	£560.00
Barry (Cardiff & Glamorgan)	863	904	3,430		39	£665.00	£735.00	£790.00
Bridgend	1,651	1,581	56,413		N/R	£615.00	£623.00	£644.00
Cardiff	2,619	2,819	155,249		261	£515.00	£530.00	£530.00
Colwyn Bay	1,840	1,890	98,458		N/R	£552.00	£569.00	£589.00
Gwent	2,849	2,929	132,713		N/R	£592.00	£651.00	£671.00
Llanelli	1,213	1,331	13,439		N/R	£605.00	£655.00	£655.00
Margam	1,128	1,461	61,343		56	£585.00	£585.00	£585.00
Narberth	1,362	1,420	52,128		41	£563.80	£564.00	£564.00
Pontypridd	1,231	1,301	114,909		N/R	£626.00	£655.00	£655.00
Swansea	2,098	2,116	139,782		N/R	£580.00	£610.00	£638.00
Wrexham (Pentrebychan)	1,907	1,953	64,447	22,776	N/R	£646.00	£656.00	£656.00
CHANNEL ISLANDS (2)								
Guernsey	349	355	15,949		N/R	£552.00	£555.00	£555.00
Jersey	502	564	23,389	919	86	£724.00	£724.00	£724.00
NORTHERN IRELAND (1)								
Belfast	3,014	3,219	91,134	3,219	N/R	£360.00	£364.00	£364.00
TOTALS	429,254	462,916	24,090,204	462,916				
2015 average cremation fee £679.56						2015 average total crematorium charge £689.35		
2016 average cremation fee £709.70						2016 average total crematorium charge £720.43		

Appendix PB3

Technical Note – Drive Times

DTA, 3 February 2017

1. Introduction

- 1.1 My name is Simon John Tucker. I am a Director of DTA Transportation Ltd, Transportation Planning Consultants. The consultancy specialises in expert advice on transport related issues throughout a broad range of projects for both the public and private sector. I have 17 years' experience in the field of Transport Planning.
- 1.2 I have been instructed by Dignity UK Ltd to prepare this note as a supplement to the proof of evidence of Mr Burley in support of a planning appeal against the refusal by South Staffordshire Council ("the Council") to grant planning permission for a crematorium ("the Scheme") on land adjacent to Holyhead Road, Wergs, South Staffordshire ("the Site"). The Council also refused planning permission for a crematorium ("the Essington Scheme") proposed by Westerleigh Group Ltd ("Westerleigh") on land at Essington, South Staffordshire ("the Essington Site"). The appeals in respect of the Scheme and the Essington Scheme are being heard at a conjoined inquiry commencing on 7 March 2017.
- 1.3 Mr Burley sets out his assumptions as to the catchment area of the Scheme based on a geographical area as identified by drive times (which I detail below) and the application of a gravity, which is explained further in his evidence. This note only relates to the identification of the geographical area, insofar as it is based upon 30 minute drive times. The methodology that I have applied in identifying drive times is the same as that which has been adopted by Westerleigh.
- 1.4 To supplement and inform the basis of the catchment area identified within the evidence of Mr Burley, I have prepared drive time catchment plans. These plans are based on journey time travelled from the Site (as well as relevant existing crematoria and the Essington Site).

2. Methodology

- 2.1 The location of existing crematoria (as well as the Site and the Essington Site) have been plotted based on their postal addresses (using their post code) within Geographical Information System software licenced from ESRI. The Geographical Information System software includes road network analysis tools with a dynamic traffic map service using historical, live and predictive traffic feeds from HERE (www.here.com). Together this data allows the catchment of any particular point, in this case crematoria, to be determined for any given drive time duration informed by live or historic measured traffic speeds.-
- 2.2 Clearly, traffic speeds vary by time of day and day of the week but, other than at peak hours, there is little variation in flow speeds across the day. As such, typical speeds based on a start time at 12 noon on a Monday have been adopted as a proxy for day-to-day off-peak network conditions. This provides a consistent basis for all crematoria sites.
- 2.3 In terms of drive time duration, it is established practise to adopt a 30 minute drive time as a catchment area, on the assumption that the cortege would travel at

approximately 60% of 'normal' driving speeds. Mr Burley provides details of relevant planning appeal decisions.

- 2.4 Mr Budd, on behalf of Westerleigh, has also adopted the 30 minute drive time catchment and also assumes cortege speeds at 60% of the speed limit. This is supported by a validation exercise undertaken by Mr Budd using a hearse.
- 2.5 Mr Budd also assumes that within the 30 minute travel time, it is necessary to include for the undertaker to walk in front of the hearse and for the cortege to stop occasionally to allow vehicles separated at junctions to 'catch up'. The result of these effects is that the net vehicle travelling time, within the 30 minute catchment, is reduced to 20 ½ minutes. For consistency, I have also adopted this approach.
- 2.6 As set out above, the Geographical Information System Software bases journey catchment on recorded vehicle speed data. As such, to allow for the reduced speed of the cortege, the catchment areas identified below have been based on a 12.3 minute journey time (i.e. 60% of 20 ½ minutes). The resulting catchment areas for the existing crematoria, the Site and the Essington Scheme are presented in plan form at **Appendix A**.

Figure 1 – Wergs and Westerleigh Sites in Context of Existing Crematoria, all with indicative 30 minute journey time as adopted by Westerleigh (i.e including delays at junctions and walking in front of Hearse)

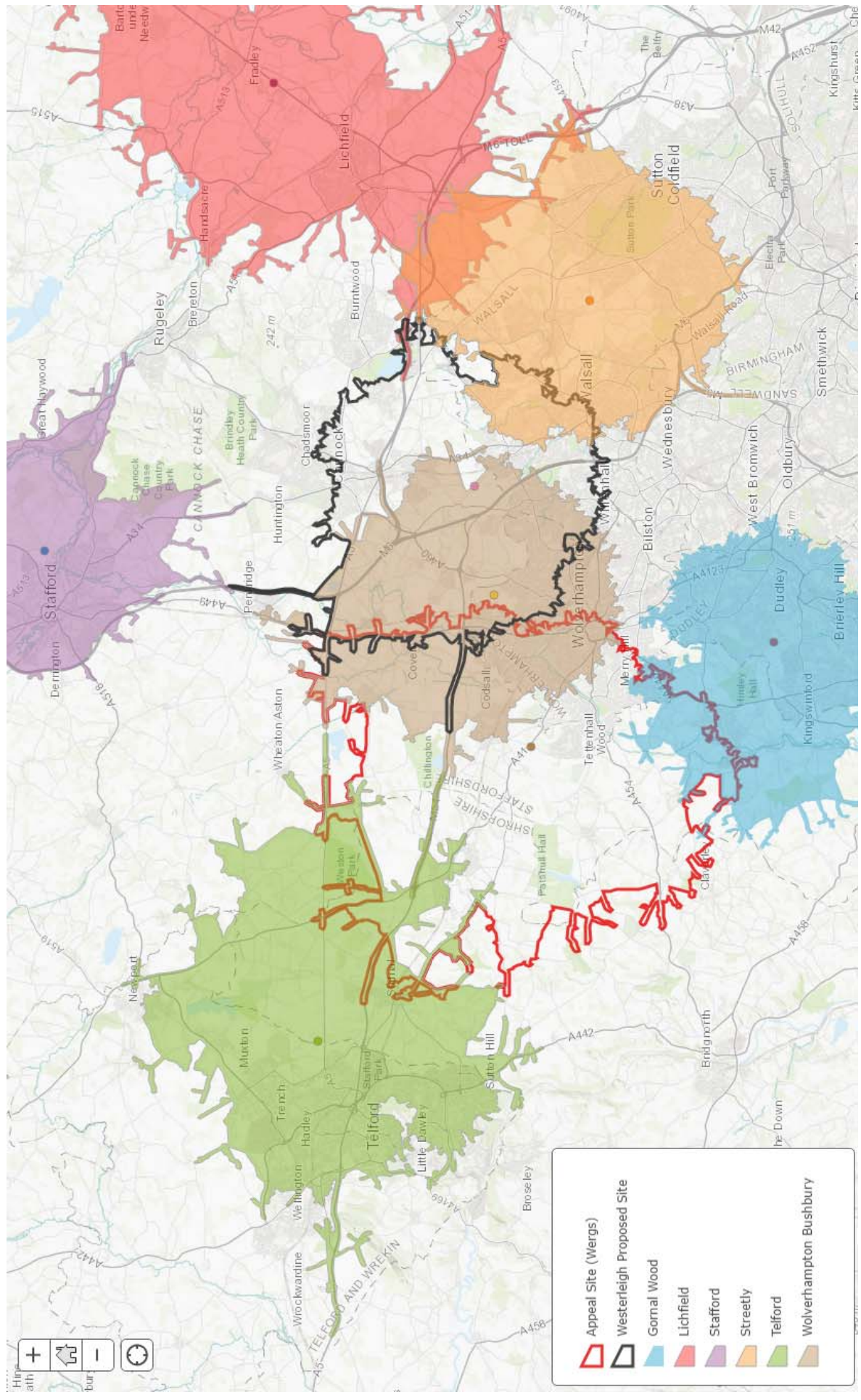


Figure 2 – Appeal Site in Context of Existing Crematoria, all with indicative 30 minute journey time as adopted by Westerleigh (i.e including delays at junctions and walking in front of Hearse)

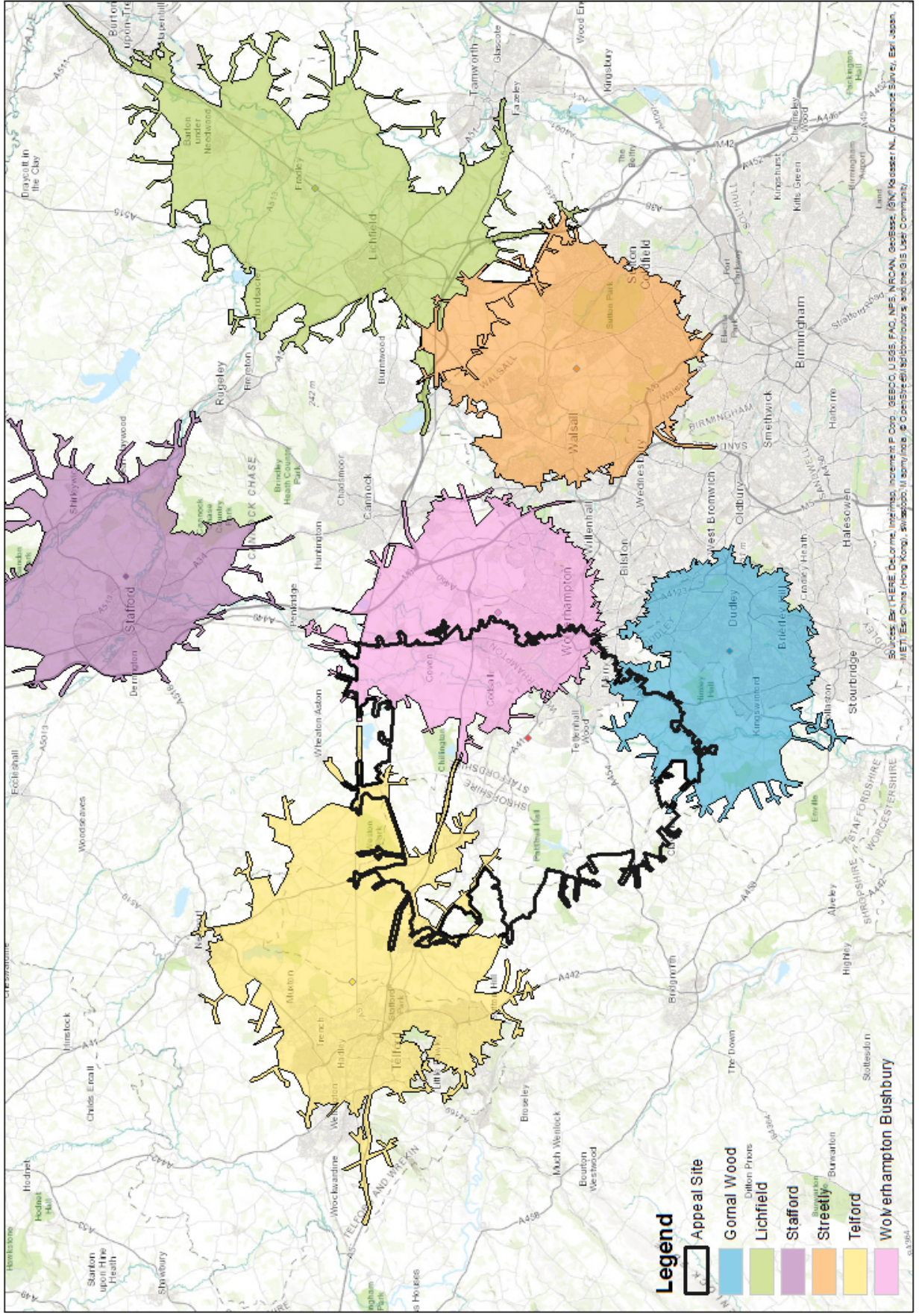
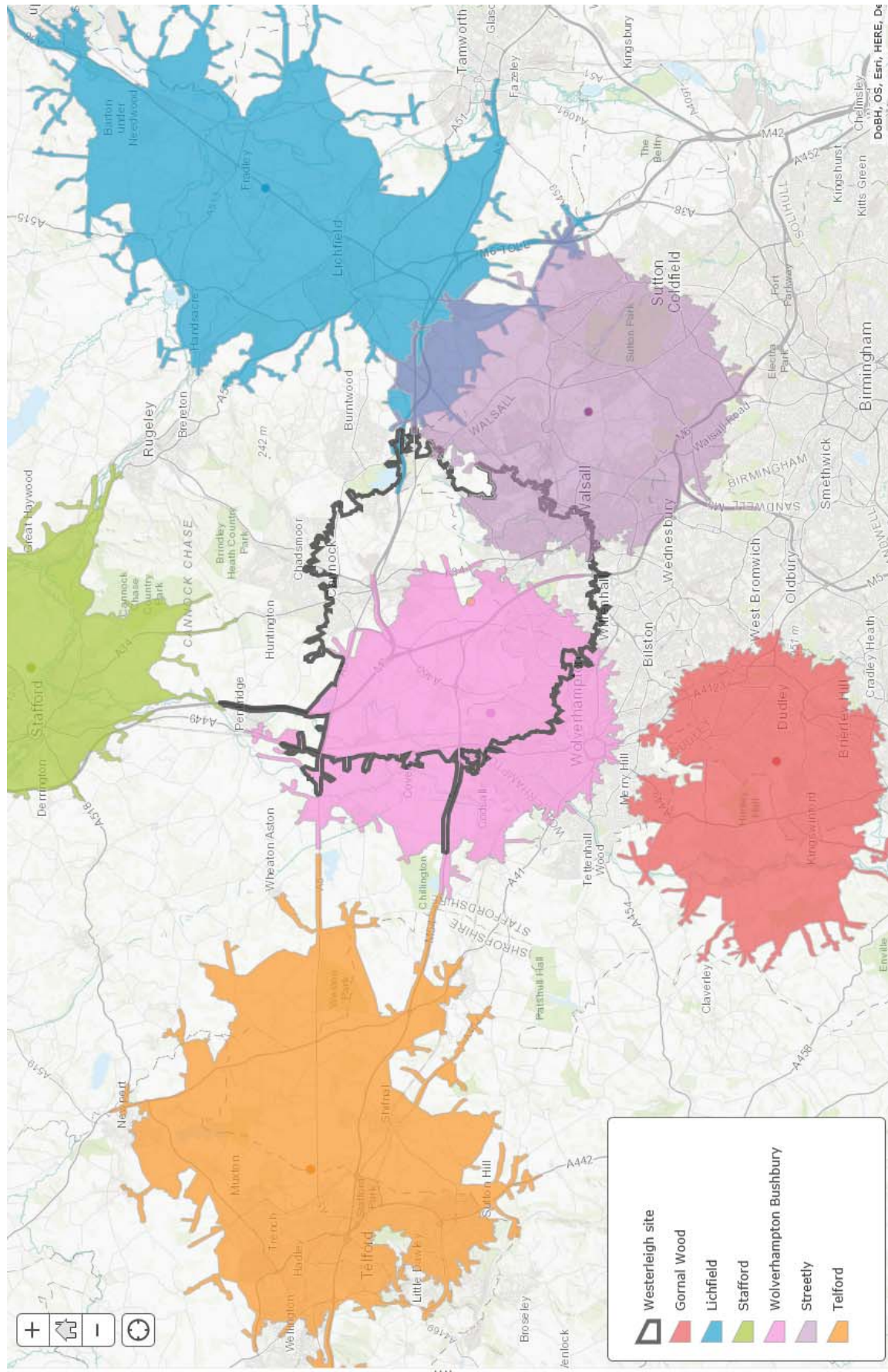


Figure 3 – Westerleigh Site in Context of Existing Crematoria, all with indicative 30 minute journey time as adopted by Westerleigh (i.e including delays at junctions and walking in front of Hearse)



Appendix PB4

Data used in the Assessment of Quantitative Need

A1.1 Numbers of Cremations by Facility in England 2010-2015

Rank	Year (Jan-Dec)	2010	2011	2012	2013	2014	2015	Crematorium	Total Cremations
1		3,960						Etham	3,960
2		3,552						Amersham (Chilterns)	3,552
3		3,361						Worthing	3,361
4		3,329						Portchester	3,329
5		3,302						Newcastle upon Tyne	3,302
6		3,192						South Essex	3,192
7		3,190						Birkenhead	3,190
8		3,183						Ruislip	3,183
9		3,182						West Hertfordshire	3,182
10		3,156						Brancote	3,156
11		3,124						Middlesbrough	3,124
12		3,107						Crawley (Sussex & Surrey)	3,107
13		2,852						Medway	2,852
14		2,845						Cambridge	2,845
15		2,765						Derby	2,765
16		2,738						Eastbourne	2,738
17		2,729						Leicester	2,729
18		2,682						Poole	2,682
19		2,657						Kettering	2,657
20		2,645						Wolverhampton	2,645
21		2,630						London (City of)	2,630
22		2,630						Manchester	2,630
23		2,582						Bournemouth	2,582
24		2,530						Sunderland	2,530
25		2,528						Coventry	2,528
26		2,521						Hull	2,521
27		2,520						Barham	2,520
28		2,518						Stockport	2,518
29		2,495						Doncaster	2,495
30		2,472						Torquay	2,472
31		2,468						Mortlake	2,468
32		2,454						South West Middlesex	2,454
33		2,444						St Helens	2,444
34		2,442						Exeter	2,442
35		2,427						Hanwood Park	2,427
36		2,416						Norwich (Horsham St Faith)	2,416
37		2,388						Southampton	2,388
38		2,352						Westerleigh	2,352
39		2,342						York	2,342
40		2,338						Tunbridge Wells	2,338
41		2,282						Enfield	2,282
42		2,273						Bohln	2,273
43		2,267						Nottingham	2,267
44		2,267						Stoke-on-Trent	2,267
45		2,265						Durham	2,265
46		2,264						Bury St Edmunds	2,264
47		2,263						Liverpool (Springwood)	2,263
48		2,253						Leatherhead	2,253
49		2,220						Chertford	2,220
50		2,208						Swindon	2,208
51		2,201						Chesham	2,201
52		2,201						West Bromwich	2,201
53		2,191						Golders Green	2,191
54		2,180						Basildon	2,180
55		2,180						Peterborough	2,180
56		2,168						West Wiltshire	2,168
57		2,128						West Wiltshire	2,128
58		2,094						Birmingham (Lodge Hill)	2,094
59		2,092						Dukinfield	2,092
60		2,090						Walsall	2,090
61		2,078						Nuneaton	2,078
62		2,075						Taunton	2,075
63		2,049						King's Lynn	2,049
64		2,036						Sheffield (Grenoside)	2,036
65		2,031						Chester	2,031
66		2,020						Manchester (Blackley)	2,020
67		2,018						Warrington	2,018
68		2,016						Cheltenham	2,016
69		2,015						Chichester	2,015
70		2,008						Birmingham (Sutton Coldfield)	2,008
71		1,999						Northampton	1,999
72		1,998						Leeds (Lawnswood)	1,998
73		1,995						Liverpool (Anfield)	1,995
74		1,995						Barnsley	1,995
75		1,990						Milton Keynes	1,990
76		1,986						Bristol (South)	1,986
77		1,975						Oxford	1,975
78		1,969						Brighton & Hove (Woodvale)	1,969
79		1,967						Worcester	1,967
80		1,965						Great Yarmouth	1,965
81		1,939						Shrewsbury	1,939
82		1,938						Southill	1,938
83		1,934						Dudley	1,934
84		1,928						Norton (opened November 2010)	1,928
85		1,920						Rotherham	1,920
86		1,916						Bracknell	1,916
87		1,908						Lancaster & Morecambe	1,908
88		1,905						Radon	1,905
89		1,894						Blackpool	1,894
90		1,884						Lincoln	1,884
91		1,864						Luton	1,864
92		1,853						Pontefract	1,853
93		1,836						Whiteley Bay	1,836
94		1,819						Stafford	1,819
95		1,816						Redditch	1,816
96		1,813						Hatfield	1,813
97		1,807						Southampton	1,807
98		1,807						Bedford	1,807

Scarborough	1.050	1.067	1.058	1.196	1.049	1.129
York	2.092	2.155	2.158	2.205	2.219	2.342
YORKSHIRE (SOUTH) (6)						
Barnsley	1.811	1.828	1.824	1.905	1.880	1.995
Doncaster	2.293	2.257	2.373	2.432	2.389	2.495
Rotherham	1.821	1.825	1.929	1.897	1.837	1.920
Sheffield (City Road)	1.277	1.775	1.339	1.256	1.157	1.309
Sheffield (Grenoside)	1.676	1.354	1.614	1.845	1.857	2.036
Sheffield (Hutcliffe Wood)	1.786	1.425	1.723	1.754	1.641	1.786
YORKSHIRE WEST (11)						
Bradford	1.017	1.009	1.124	1.117	1.011	1.058
Dewsbury Moor	1.238	1.279	1.301	1.248	1.164	1.403
Halifax	1.445	1.674	1.851	1.697	1.671	1.764
Huddersfield	1.786	1.606	1.504	1.719	1.749	1.766
Keighley	457	468	504	535	552	626
Leeds (Cottingham Hall)	1.355	1.432	1.436	1.524	1.396	1.573
Leeds (Lawnswood)	1.994	1.978	2.021	1.968	1.959	1.998
Pontefract	1.774	1.708	1.503	1.697	1.724	1.853
Rawdon	1.786	1.807	1.883	1.964	1.934	1.907
Shipley	1.269	1.265	1.246	1.298	1.291	1.353
Wakefield	1.130	1.175	1.312	1.142	1.106	1.133

MSOA11_Name	Msoa11cd	Pop_2015	Death_count_2015	DeathRatePercent_2015
Sandwell 021	E02002063	9644	79,04486801	0.82%
Sandwell 022	E02002064	12337	129,9217833	1.05%
Sandwell 023	E02002065	12788	70,16226016	0.55%
Sandwell 024	E02002066	7503	45,38947423	0.60%
Sandwell 025	E02002067	5624	51,06711191	0.91%
Sandwell 026	E02002068	12835	61,15480247	0.48%
Sandwell 027	E02002069	6677	59,62353775	0.89%
Sandwell 028	E02002070	9444	106,0545872	1.12%
Sandwell 029	E02002071	6667	50,98733097	0.76%
Sandwell 030	E02002072	8656	63,21421229	0.73%
Sandwell 031	E02002073	7820	86,41767157	1.11%
Sandwell 032	E02002074	8221	73,63295865	0.90%
Sandwell 033	E02002075	8822	80,7083165	0.91%
Sandwell 034	E02002076	10691	70,9342136	0.66%
Sandwell 035	E02002077	10486	83,73136517	0.80%
Sandwell 036	E02002078	6407	44,1993672	0.69%
Sandwell 037	E02002079	8382	96,06366044	1.15%
Sandwell 038	E02002080	6925	84,58349998	1.22%
Walsall 001	E02002110	6885	59,84010714	0.87%
Walsall 002	E02002111	6250	59,23580517	0.95%
Walsall 003	E02002112	5547	54,93956991	0.99%
Walsall 004	E02002113	6547	59,82519375	0.91%
Walsall 005	E02002114	6126	86,38457519	1.41%
Walsall 006	E02002115	6655	65,6656224	0.99%
Walsall 007	E02002116	6862	89,19258206	1.30%
Walsall 008	E02002117	6210	48,04299876	0.77%
Walsall 009	E02002118	7378	79,72014252	1.08%
Walsall 010	E02002119	6108	55,89925679	0.92%
Walsall 011	E02002120	6263	28,41909524	0.45%
Walsall 012	E02002121	6446	122,0754596	1.89%
Walsall 013	E02002122	5866	53,97229211	0.92%
Walsall 014	E02002123	6558	60,86143969	0.93%
Walsall 015	E02002124	7044	85,36219435	1.21%
Walsall 016	E02002125	6063	75,61530232	1.25%
Walsall 017	E02002126	6582	57,06457148	0.87%
Walsall 018	E02002127	8702	73,24828571	0.84%
Walsall 019	E02002128	5585	43,94121144	0.79%
Walsall 020	E02002129	6028	65,29411337	1.08%
Walsall 021	E02002130	6708	52,09140421	0.78%
Walsall 022	E02002131	7878	79,27755048	1.01%
Walsall 023	E02002132	6512	69,978333735	1.07%
Walsall 024	E02002133	6796	67,80180791	1.00%
Walsall 025	E02002134	8453	69,01841358	0.82%
Walsall 026	E02002135	7542	57,32705161	0.76%
Walsall 027	E02002136	7752	72,73870637	0.94%
Walsall 028	E02002137	6355	63,61484444	1.00%
Walsall 029	E02002138	6387	65,612817	1.03%
Walsall 030	E02002139	9871	67,21194943	0.68%
Walsall 031	E02002140	8242	80,34762759	0.97%
Walsall 032	E02002141	6716	40,14649717	0.60%
Walsall 033	E02002142	7091	61,35243861	0.87%
Walsall 034	E02002143	10190	65,63908651	0.64%
Walsall 035	E02002144	6760	43,99084469	0.65%
Walsall 036	E02002145	7026	59,31197914	0.84%
Walsall 037	E02002146	6587	81,25101377	1.23%
Walsall 038	E02002147	8048	77,83061829	0.97%
Walsall 039	E02002148	11295	88,47796542	0.78%
Wolverhampton 001	E02002149	10201	110,7261677	1.09%
Wolverhampton 002	E02002150	5847	45,11929359	0.77%
Wolverhampton 003	E02002151	5915	33,26847975	0.56%
Wolverhampton 004	E02002152	6231	55,80519391	0.90%

Wolverhampton 005	E02002153	7585	89.12989046	1.18%
Wolverhampton 006	E02002154	5855	58.65456061	1.00%
Wolverhampton 007	E02002155	5922	58.21669899	0.98%
Wolverhampton 008	E02002156	8441	83.21223753	0.99%
Wolverhampton 009	E02002157	7782	85.11895877	1.09%
Wolverhampton 010	E02002158	7710	89.10309104	1.16%
Wolverhampton 011	E02002159	6144	36.27282695	0.59%
Wolverhampton 012	E02002160	7184	58.01422888	0.81%
Wolverhampton 013	E02002161	6475	31.53170504	0.49%
Wolverhampton 014	E02002162	7665	117.6385404	1.53%
Wolverhampton 015	E02002163	11379	77.50963316	0.68%
Wolverhampton 016	E02002164	6956	26.44732635	0.38%
Wolverhampton 017	E02002165	7813	76.46012164	0.98%
Wolverhampton 018	E02002166	9262	80.5922384	0.87%
Wolverhampton 019	E02002167	6623	56.81158574	0.86%
Wolverhampton 020	E02002168	10664	72.91305284	0.68%
Wolverhampton 021	E02002169	8786	158.9971987	1.81%
Wolverhampton 022	E02002170	6333	40.15193277	0.63%
Wolverhampton 023	E02002171	7472	70.50411154	0.94%
Wolverhampton 026	E02002174	7674	94.94180668	1.24%
Wolverhampton 027	E02002175	7258	64.85703747	0.89%
Wolverhampton 028	E02002176	7770	57.76915017	0.74%
Wolverhampton 029	E02002177	9241	81.81665804	0.89%
Wolverhampton 030	E02002178	8228	94.91856893	1.15%
Wolverhampton 031	E02002179	6461	48.98626712	0.76%
Wolverhampton 032	E02002180	6437	60.5925709	0.94%
Wolverhampton 033	E02002181	7387	68.87454664	0.93%
Wolverhampton 034	E02002182	6731	63.59921923	0.94%
Telford and Wrekin 001	E02002928	5988	65.62311051	1.10%
Telford and Wrekin 002	E02002929	6344	74.28681621	1.17%
Telford and Wrekin 003	E02002930	5682	64.18247747	1.13%
Telford and Wrekin 004	E02002931	6561	39.31955202	0.60%
Telford and Wrekin 005	E02002932	8751	70.31959654	0.80%
Telford and Wrekin 006	E02002933	8241	54.79155312	0.66%
Telford and Wrekin 007	E02002934	6055	36.28066832	0.60%
Telford and Wrekin 008	E02002935	6638	36.82626252	0.55%
Telford and Wrekin 009	E02002936	8840	43.45481046	0.49%
Telford and Wrekin 010	E02002937	10296	97.88973901	0.95%
Telford and Wrekin 011	E02002938	6898	45.18417267	0.66%
Telford and Wrekin 012	E02002939	6489	93.40477593	1.44%
Telford and Wrekin 013	E02002940	6128	42.07949042	0.69%
Telford and Wrekin 014	E02002941	9885	75.8889202	0.77%
Telford and Wrekin 015	E02002942	6523	48.26495551	0.74%
Telford and Wrekin 016	E02002943	10673	100.0213376	0.94%
Telford and Wrekin 017	E02002944	7870	61.65258079	0.78%
Telford and Wrekin 018	E02002945	9501	45.97203153	0.48%
Telford and Wrekin 019	E02002946	7970	58.60504639	0.74%
Telford and Wrekin 020	E02002947	6987	35.26775656	0.50%
Telford and Wrekin 021	E02002948	7034	40.30897708	0.57%
Telford and Wrekin 022	E02002949	5399	45.05028496	0.83%
Telford and Wrekin 023	E02002950	5595	39.36123815	0.70%
Shropshire 025	E02006008	7725	62.94328422	0.81%
Shropshire 027	E02006009	7223	60.71664682	0.84%
Shropshire 029	E02006010	11382	106.1966617	0.93%
Shropshire 031	E02006011	5938	71.6828558	1.21%
Shropshire 033	E02006012	6374	77.64557566	1.22%
Shropshire 034	E02006013	7925	111.8432498	1.41%
Shropshire 035	E02006014	9425	105.6388471	1.12%
Shropshire 001	E02006015	10134	113.2597999	1.12%
Shropshire 002	E02006016	7680	79.5718247	1.04%
Shropshire 004	E02006017	7681	78.98229553	1.03%
Shropshire 005	E02006018	11957	115.6918916	0.97%
Shropshire 008	E02006019	6010	62.79941432	1.04%
Shropshire 009	E02006020	7221	44.41381173	0.62%
Shropshire 010	E02006021	8209	57.35041701	0.70%
Shropshire 013	E02006022	6089	62.69247266	1.03%
Shropshire 003	E02006023	9924	89.68381249	0.90%
Shropshire 006	E02006024	9620	104.8983977	1.09%

Shropshire 007	E02006025	9242	86.4338984	0.94%
Shropshire 011	E02006026	7125	67.00941448	0.94%
Shropshire 012	E02006027	5461	35.48373952	0.65%
Shropshire 014	E02006028	9336	95.40216228	1.02%
Shropshire 015	E02006029	8299	58.74717166	0.71%
Shropshire 016	E02006030	7241	50.22912231	0.69%
Shropshire 017	E02006031	7621	85.45839675	1.12%
Shropshire 018	E02006032	8944	77.9244334	0.87%
Shropshire 019	E02006033	8390	85.41640703	1.02%
Shropshire 020	E02006034	8710	84.51651852	0.97%
Shropshire 021	E02006035	5685	76.09859179	1.34%
Shropshire 022	E02006036	6105	59.88119662	0.98%
Shropshire 023	E02006037	10054	101.739122	1.01%
Shropshire 024	E02006038	7714	68.73722935	0.89%
Shropshire 026	E02006039	7937	78.26814332	0.99%
Shropshire 028	E02006040	7732	51.02817245	0.66%
Shropshire 030	E02006041	6027	57.86357361	0.96%
Shropshire 032	E02006042	6131	81.02554647	1.32%
Shropshire 036	E02006043	7003	44.10968433	0.63%
Shropshire 037	E02006044	6405	52.08982353	0.81%
Shropshire 038	E02006045	11026	124.8855757	1.13%
Shropshire 039	E02006046	9091	88.47462746	0.97%
Cannock Chase 001	E02006118	7510	57.91265612	0.77%
Cannock Chase 002	E02006119	8374	80.42097901	0.96%
Cannock Chase 003	E02006120	9222	81.27702887	0.88%
Cannock Chase 004	E02006121	5617	43.15685036	0.77%
Cannock Chase 005	E02006122	6595	42.29298987	0.64%
Cannock Chase 006	E02006123	6840	73.47879877	1.07%
Cannock Chase 007	E02006124	7523	70.92825096	0.94%
Cannock Chase 008	E02006125	7279	62.36521124	0.86%
Cannock Chase 009	E02006126	8348	80.13286026	0.96%
Cannock Chase 010	E02006127	7614	51.82161822	0.68%
Cannock Chase 011	E02006128	8540	87.73339893	1.03%
Cannock Chase 012	E02006129	8082	55.79564913	0.69%
Cannock Chase 013	E02006130	7499	58.84732614	0.78%
South Staffordshire 001	E02006174	10640	91.26375561	0.86%
South Staffordshire 002	E02006175	6966	49.20295908	0.71%
South Staffordshire 003	E02006176	7540	62.68569763	0.83%
South Staffordshire 004	E02006177	10078	81.64968046	0.81%
South Staffordshire 005	E02006178	8061	84.10511435	1.04%
South Staffordshire 006	E02006179	7492	50.93295369	0.68%
South Staffordshire 007	E02006180	6969	94.33304829	1.35%
South Staffordshire 008	E02006181	5843	48.89163178	0.84%
South Staffordshire 009	E02006182	6925	97.8691808	1.41%
South Staffordshire 010	E02006183	7685	47.89149356	0.62%
South Staffordshire 011	E02006184	5544	32.29912364	0.58%
South Staffordshire 012	E02006185	7333	57.9589108	0.79%
South Staffordshire 013	E02006186	12523	149.7913634	1.20%
South Staffordshire 014	E02006187	7462	107.714944	1.44%
Stafford 001	E02006188	6068	68.74089283	1.13%
Stafford 002	E02006189	7231	125.8385921	1.74%
Stafford 003	E02006190	10620	123.5435387	1.16%
Stafford 004	E02006191	8035	75.36938479	0.94%
Stafford 005	E02006192	8278	92.85840456	1.12%
Stafford 006	E02006193	6573	46.27078249	0.70%
Stafford 007	E02006194	7914	87.50548577	1.11%
Stafford 008	E02006195	8417	55.97472371	0.67%
Stafford 009	E02006196	7209	36.40131891	0.50%
Stafford 010	E02006197	8645	70.8398103	0.82%
Stafford 011	E02006198	8724	75.62745199	0.87%
Stafford 012	E02006199	8327	139.2014877	1.67%
Stafford 013	E02006200	7944	68.85531978	0.87%
Stafford 014	E02006201	12228	105.4810503	0.86%
Stafford 015	E02006202	8870	58.75222682	0.66%
Stafford 016	E02006203	7875	52.67082885	0.67%
Sandwell 039	E02006810	10281	85.51433936	0.83%
Wolverhampton 035	E02006894	12654	132.7321037	1.05%
Dudley 001	E02002000	7892	57.82593589	0.73%
Dudley 002	E02002001	6050	71.53352626	1.18%
Dudley 003	E02002002	7149	64.66262786	0.90%
Dudley 004	E02002003	9125	120.6597437	1.32%

Dudley 005	E02002004	7614	65.58793581	0.86%
Dudley 006	E02002005	8392	67.21260529	0.80%
Dudley 007	E02002006	6480	54.85568879	0.85%
Dudley 008	E02002007	8882	99.96872548	1.13%
Dudley 009	E02002008	8424	62.60949135	0.74%
Dudley 010	E02002009	6802	48.05648949	0.71%
Dudley 011	E02002010	7285	111.3173555	1.53%
Dudley 012	E02002011	5890	63.7319599	1.08%
Dudley 013	E02002012	8019	92.39064313	1.15%
Dudley 014	E02002013	6748	81.31962557	1.21%
Dudley 015	E02002014	7131	54.19073244	0.76%
Dudley 016	E02002015	6124	70.18035959	1.15%
Dudley 017	E02002016	7965	104.960245	1.32%
Dudley 018	E02002017	8418	124.6708782	1.48%
Dudley 019	E02002018	9088	69.52736711	0.77%
Dudley 020	E02002019	7976	64.58699776	0.81%
Dudley 021	E02002020	9580	103.9957837	1.09%
Dudley 022	E02002021	7388	54.0493541	0.73%
Dudley 023	E02002022	8471	74.65709668	0.88%
Dudley 024	E02002023	5348	36.23014182	0.68%
Dudley 025	E02002024	8573	98.93045885	1.15%
Dudley 026	E02002025	8055	67.61417322	0.84%
Dudley 027	E02002026	7124	42.01672075	0.59%
Dudley 028	E02002027	5692	23.48916811	0.41%
Dudley 029	E02002028	5920	72.49362383	1.22%
Dudley 030	E02002029	5933	43.09677737	0.73%
Dudley 031	E02002030	6359	66.78228619	1.05%
Dudley 032	E02002031	6148	31.56680267	0.51%
Dudley 033	E02002032	10071	75.50608572	0.75%
Dudley 034	E02002033	7561	60.79082594	0.80%
Dudley 035	E02002034	8270	56.90659913	0.69%
Dudley 036	E02002035	6196	88.07177215	1.42%
Dudley 037	E02002036	6612	55.95108878	0.85%
Dudley 038	E02002037	5894	57.67211157	0.98%
Dudley 039	E02002038	9537	72.53346501	0.76%
Dudley 040	E02002039	6382	68.60470598	1.07%
Dudley 041	E02002040	6040	57.76709006	0.96%
Dudley 042	E02002041	6260	75.32494467	1.20%
Dudley 043	E02002042	8122	81.24069626	1.00%
Sandwell 001	E02002043	8637	84.4125804	0.98%
Sandwell 002	E02002044	7715	56.56119316	0.73%
Sandwell 003	E02002045	7916	52.91821678	0.67%
Sandwell 004	E02002046	5765	36.28732478	0.63%
Sandwell 005	E02002047	6757	98.64855292	1.46%
Sandwell 006	E02002048	6668	56.21993733	0.84%
Sandwell 007	E02002049	6116	32.49590054	0.53%
Sandwell 009	E02002051	5524	61.80446342	1.12%
Sandwell 010	E02002052	10921	118.8586276	1.09%
Sandwell 011	E02002053	6164	52.07647871	0.84%
Sandwell 012	E02002054	5683	44.10450863	0.78%
Sandwell 013	E02002055	9597	83.49179758	0.87%
Sandwell 014	E02002056	9092	75.3623953	0.83%
Sandwell 015	E02002057	9544	128.0176543	1.34%
Sandwell 016	E02002058	12128	93.01875456	0.77%
Sandwell 017	E02002059	10938	87.10393839	0.80%
Sandwell 018	E02002060	6684	49.17500886	0.74%
Sandwell 019	E02002061	6138	55.29735548	0.90%
Sandwell 020	E02002062	7782	76.99981708	0.99%

SHEET A3(a) - Analysis of ONS Death Statistics 2011-2015

Source - ONS - Full statistics are reproduced on Sheets A3(b) to A3 (f)

A3.1 Monthly Death Rates in England 2011-2015

Annual Total	2015	2014	2013	2012	2011	Total		Monthly Average	% of mean	Highest v lowest		
						Jan	Feb					
495155	57031	45929	49492	43882	46835	243169	48634	4634	124	140		
468875	43708	38566	41002	41861	36733	201870	40374	41585	103	103		
473552	44794	38729	41915	41299	41342	207923	41585	40162	106	106		
466779	42278	36880	46352	38928	34521	200808	40162	40162	102	102		
452862	36699	36975	39475	41087	37437	191578	38316	38316	98	98		
	39276	36058	33503	34303	37398	180538	36108	36108	92	92		
	37898	38512	37260	36657	33275	183602	36720	36720	93	93		
	33802	33640	33322	36435	35924	173123	34625	34625	88	88		
	38870	38339	34350	32934	35893	180386	36077	36077	92	92		
	39444	40201	39585	40394	34740	194364	38873	38873	99	99		
	38872	46481	37322	39330	38020	190511	38102	38102	97	97		
Annual Total	Dec	Nov	Oct	Sep	Aug	Jul	Jun	May	Apr	Mar	Feb	Jan

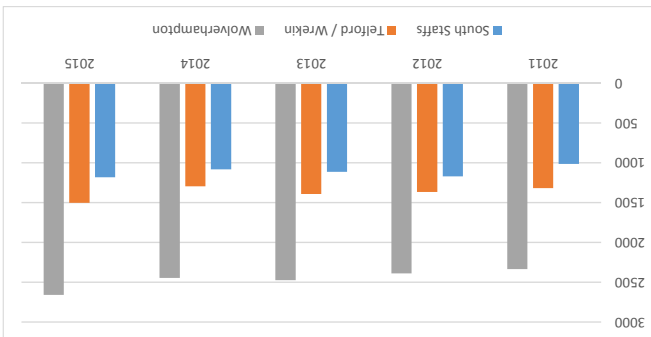
A3.2 Monthly Death Rates in South Staffs 2011-2015

Annual Total	2015	2014	2013	2012	2011	Total		Monthly Average	% of mean			
						Jan	Feb					
1503	148	145	139	111	145	701	140	140	122			
1296	138	139	116	114	118	591	118	118	103			
1392	100	140	145	103	103	585	117	117	102			
1366	113	107	114	137	114	550	110	110	96			
1320	118	93	145	108	103	546	109	109	95			
	121	114	114	111	111	563	113	113	98			
	130	103	101	119	103	481	105	105	84			
	95	89	89	94	94	524	110	110	96			
	113	126	131	100	107	551	110	110	94			
	99	94	100	106	109	539	108	108	105			
	120	109	129	106	135	603	121	121	105			
Annual Total	Dec	Nov	Oct	Sep	Aug	Jul	Jun	May	Apr	Mar	Feb	Jan

A3.4 Monthly Death Rates in Wolverhampton 2011-2015

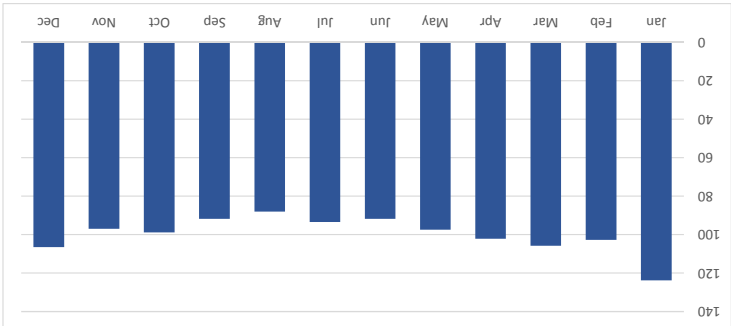
Annual Total	2015	2014	2013	2012	2011	Total		Monthly Average	% of mean			
						Jan	Feb					
2658	300	237	255	238	269	1299	260	260	127			
2445	223	187	211	192	192	1005	201	201	98			
2475	227	202	226	219	231	1126	225	225	110			
2390	220	183	220	190	187	1009	202	202	98			
2335	210	201	187	212	177	990	198	198	97			
	211	201	187	177	164	952	190	190	93			
	212	192	215	196	179	979	196	196	95			
	212	171	184	189	185	898	180	180	88			
	204	190	183	171	181	933	187	187	91			
	212	226	206	204	181	1029	206	206	100			
	240	203	195	204	194	1023	205	205	100			
	228	217	204	208	203	1060	212	212	103			
Annual Total	Dec	Nov	Oct	Sep	Aug	Jul	Jun	May	Apr	Mar	Feb	Jan

Bar Chart Showing Annual Total Deaths

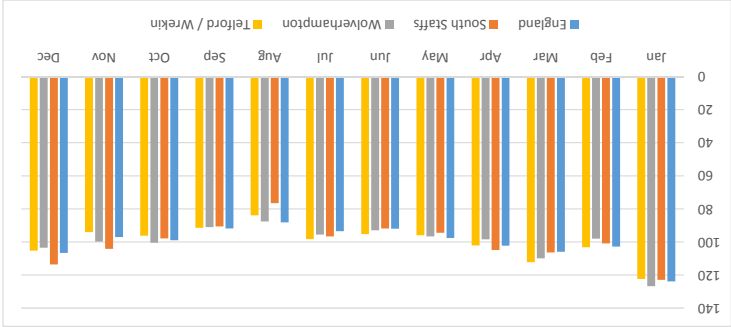


A3.5 Summary of Monthly Averages

England	South Staffs	Telford / Wrekin	Wolverhampton
Jan	124	127	122
Feb	103	98	103
Mar	106	110	112
Apr	102	98	102
May	98	97	96
Jun	92	92	95
Jul	93	97	98
Aug	88	77	84
Sep	92	91	91
Oct	99	98	96
Nov	97	104	94
Dec	107	114	105



Monthly Variations - England only



Peak Month - England and LAs

Table with columns for geographical regions (West Midlands, Staffordshire, West Midlands (Met County), Warwickshire, Stoke-on-Trent, Staffordshire, North Warwickshire, Staffordshire Moorlands, Stafford, South Staffordshire, Newcastle-under-Lyme, Cannock Chase, East Staffordshire, Lichfield, Nuneaton and Bedworth, Rugby, Stratford-on-Avon, Warwick, North Warwickshire, Staffordshire Moorlands, Stafford, South Staffordshire, Newcastle-under-Lyme, Cannock Chase, East Staffordshire, Lichfield, Nuneaton and Bedworth, Rugby, Stratford-on-Avon, Warwick) and rows of numerical data representing various metrics.

1,107	881	1,087	855	956	957	861	877	944	858	949	1,065	Basingstoke and Deane
123	93	114	82	90	81	88	97	99	91	98	120	East Hampshire
93	97	72	87	64	70	74	82	82	62	62	65	Canterbury
127	102	138	117	129	138	101	128	145	128	145	122	Dartford
94	94	54	83	63	74	81	57	68	78	74	64	Dover
107	103	103	103	106	109	86	98	99	111	99	104	Gravesham
95	73	73	65	67	60	69	52	71	88	79	57	Maldstone
141	103	103	85	103	107	106	113	110	111	111	79	Sevenoaks
122	116	116	83	92	92	84	75	83	83	90	87	Shepway
122	122	116	93	99	92	75	83	84	113	101	98	Swaile
153	146	147	136	136	136	128	128	127	148	103	147	Thanet
107	107	107	107	107	107	107	107	107	107	107	107	Tonbridge and Malling
120	120	120	120	120	120	120	120	120	120	120	120	Tunbridge Wells
554	399	461	400	451	403	322	395	368	379	439	487	Oxfordshire
120	80	88	76	92	83	62	83	74	74	96	100	Cherwell
98	75	83	70	83	76	70	85	64	61	74	102	Oxford
116	96	116	88	98	87	75	81	88	88	93	108	South Oxfordshire
114	90	87	90	84	84	58	78	79	84	98	93	Vale of White Horse
106	58	87	77	88	73	57	78	70	67	78	84	West Oxfordshire
1,045	752	882	702	804	755	695	740	728	684	773	859	Surrey
121	83	94	82	79	75	74	90	90	81	88	95	Elmbridge
50	48	46	41	48	48	48	48	39	47	54	51	Epsom and Ewell
103	78	97	68	78	78	73	73	57	57	85	94	Guildford
93	68	75	63	70	51	51	65	73	58	66	72	Mole Valley
146	102	105	98	107	84	102	102	94	99	110	106	Reigate and Banstead
76	54	63	54	66	44	55	52	42	55	66	95	Runnymede
92	70	92	55	77	64	65	60	64	70	95	95	Spelthorne
75	49	66	55	61	55	71	44	49	43	58	63	Surrey Heath
77	64	71	45	67	59	60	69	59	67	76	96	Tandridge
118	87	110	80	82	75	76	76	91	67	76	96	Woking
899	721	784	615	685	671	593	684	688	680	623	745	West Sussex
64	67	70	42	49	48	48	56	56	55	67	68	Adur
224	156	188	151	165	164	144	175	163	163	139	163	Arun
146	133	128	101	109	103	90	114	118	112	91	121	Chichester
83	56	71	62	55	68	46	56	55	62	49	69	Crawley
138	106	105	74	95	68	90	85	86	86	87	114	Horsham
120	91	115	93	106	108	94	104	104	103	103	95	Mid Sussex
124	112	107	92	106	87	89	99	116	98	87	115	Worthing
5,371	4,107	4,718	3,871	4,273	4,323	3,793	4,088	4,076	3,889	4,339	4,534	SOUTH WEST
153	125	141	120	124	141	129	122	117	134	121	133	Bath and North East Somerset UA
225	146	166	151	141	183	136	140	163	143	137	177	Bournemouth UA
334	240	302	260	278	254	235	300	257	267	277	286	Bristol, City of UA
604	466	506	397	487	455	408	433	446	463	490	488	Corwall UA 9
96	77	76	53	74	72	81	80	76	70	84	67	Caradon
113	88	85	61	94	83	64	82	80	94	92	88	Carick
102	82	92	88	66	74	78	64	86	85	80	103	Kerrier
91	66	73	64	62	73	73	62	86	81	76	86	North Cornwall
76	57	74	60	57	47	57	57	61	57	76	61	Penwith
126	96	106	69	101	107	65	88	79	76	82	83	Restormel
3	1	4	2	1	1	1	3	1	2	-	1	Isles of Scilly UA 10
232	177	194	155	159	189	160	193	188	171	196	200	North Somerset UA
233	185	241	172	180	148	167	177	149	184	203	203	Plymouth UA
147	118	125	111	126	142	119	120	116	122	142	136	Poole UA
192	166	179	158	176	152	154	173	148	144	172	197	South Gloucestershire UA
136	143	155	104	127	157	104	124	128	115	151	161	Swindon UA
190	133	149	118	135	142	135	120	134	120	126	170	Torbay UA
422	300	407	317	357	320	304	322	331	320	382	356	Wiltshire UA 11
74	47	67	53	66	38	62	60	42	56	51	51	Kennet
127	84	96	94	77	82	83	109	78	106	94	104	North Wiltshire
106	88	122	115	82	92	95	100	81	103	113	104	Salisbury
951	659	746	603	694	664	620	623	613	615	663	651	Devon
201	141	154	119	134	143	125	143	138	132	154	146	East Devon
102	78	98	86	78	87	67	70	72	65	82	77	Exeter
119	89	103	81	89	101	84	83	78	75	81	72	Mid Devon
116	67	71	70	66	68	61	78	58	68	67	83	South Hams
172	135	127	98	143	102	109	101	111	117	103	104	Teignbridge
93	60	67	55	61	66	61	61	52	51	68	54	Torridge

SOUTH WEST		DEVON		DORSET		GLoucestershire		Somerset		WALES		Non-residents of England & Wales	
Mole Valley	76	91	839	816	760	749	615	680	721	699	715	890	839
Rugeate and Banstead	104	104	106	126	104	87	99	99	104	104	104	104	104
Runnymede	80	80	80	80	80	80	80	80	80	80	80	80	80
Spelthorne	86	86	86	86	86	86	86	86	86	86	86	86	86
Surrey Heath	73	73	73	73	73	73	73	73	73	73	73	73	73
Tandridge	68	68	68	68	68	68	68	68	68	68	68	68	68
Waverley	112	112	112	112	112	112	112	112	112	112	112	112	112
Woking	91	91	91	91	91	91	91	91	91	91	91	91	91
Bath and North East Somerset UA	144	142	130	139	139	136	109	132	110	109	164	120	132
Bournemouth UA	192	180	180	153	161	158	176	140	176	155	179	165	162
Bristol, City of UA	277	306	318	261	280	251	248	284	284	243	254	257	269
Commwall UA ¹⁰	535	520	535	472	522	453	487	484	428	507	486	441	441
Isles of Scilly UA ¹¹	1	2	3	2	1	3	2	1	2	-	1	3	1
North Somerset UA	225	202	200	185	178	159	209	151	124	177	169	186	186
Plymouth UA	225	210	215	192	230	185	199	183	137	209	210	206	206
Poole UA	149	139	142	121	135	122	133	137	115	130	130	152	152
South Gloucestershire UA	181	184	159	164	198	148	176	163	167	161	172	157	157
Swindon UA	160	133	140	118	128	128	111	111	124	158	128	135	135
Torbay UA	156	152	139	143	163	125	122	136	112	161	148	124	124
Wiltshire UA ¹²	406	382	355	347	382	292	322	353	322	436	349	333	333
East Devon	177	157	160	167	178	172	136	160	133	169	166	149	149
Exeter	94	85	112	86	99	65	69	74	73	90	93	81	81
Mid Devon	57	60	71	56	62	67	43	48	43	57	74	54	54
North Devon	109	84	95	90	97	105	86	86	73	91	98	67	67
South Hams	88	71	83	70	80	67	82	70	73	83	87	74	74
Teignbridge	164	151	134	123	134	112	120	108	109	115	143	128	128
Torridge	77	63	69	60	70	51	49	53	58	62	64	69	69
West Devon	49	52	56	50	53	42	46	57	56	69	49	56	56
Christchurch	45	45	45	43	50	45	71	45	40	48	52	54	54
East Dorset	93	95	100	107	80	87	87	86	72	76	84	102	102
North Dorset	51	53	68	63	62	54	49	49	49	59	62	58	58
Purbeck	37	37	37	33	43	34	26	41	26	42	32	35	35
West Dorset	134	113	125	112	109	86	109	75	84	105	112	107	107
Weymouth and Portland	70	76	50	64	52	45	50	60	58	62	64	62	62
Cheltenham	112	97	112	98	82	81	58	82	82	87	87	78	78
Cotswold	79	71	70	68	81	60	66	60	60	69	70	66	66
Forest of Dean	80	76	72	76	78	59	66	65	55	71	84	70	70
Gloucester	91	83	83	87	87	83	83	83	63	78	93	70	70
Stroud	110	108	102	100	117	77	97	93	73	95	101	103	103
Tewkesbury	88	65	70	63	69	64	55	60	61	74	79	71	71
Mendip	100	95	95	87	80	77	107	107	77	77	104	104	104
Sedgemoor	97	112	89	82	84	71	102	91	91	101	105	108	108
South Somerset	130	137	151	157	133	137	144	122	122	146	139	123	123
Taunton Deane	114	94	99	98	100	93	99	75	75	104	115	113	113
West Somerset	40	32	41	40	38	36	32	37	37	49	43	43	43
Isle of Angelsey	67	62	58	63	73	54	68	61	61	65	79	60	60
Gwynedd	125	111	116	104	123	89	106	110	83	103	122	141	141
Conwy	120	129	128	148	125	148	107	102	102	135	118	119	119
Denbighshire	114	78	111	105	100	66	87	74	83	99	92	105	105
Flintshire	135	112	140	130	113	103	124	124	104	105	120	128	128
Wrexham	100	117	114	103	112	90	110	110	94	100	123	145	145
Powys	135	111	141	118	118	106	110	119	101	125	132	145	145
Ceredigion	62	52	51	63	67	61	46	59	55	68	71	64	64
Pembrokeshire	130	110	112	119	111	110	110	101	81	107	124	124	124
Carmarthenshire	189	173	164	197	217	153	162	168	168	178	207	176	176
Swansea	223	197	226	197	220	175	201	206	181	222	185	214	214
Neath Port Talbot	146	153	129	138	138	103	121	126	115	136	128	170	170
Bridgeend	144	119	144	135	133	111	124	119	97	133	133	133	133
The Vale of Glamorgan	115	113	91	98	114	75	112	91	73	115	112	88	88
Cardiff	267	226	248	221	232	206	211	211	189	216	249	240	240
Rhondda, Cynon, Taff	223	183	210	205	214	190	215	205	166	217	209	183	183
Merthyr Tydfil	67	45	50	46	60	51	43	43	35	56	55	51	51
Caerphilly	165	150	146	132	150	124	141	141	112	151	139	149	149
Blaenau Gwent	83	68	70	62	77	71	62	59	62	67	69	74	74
Torfaen	94	84	96	95	86	74	88	70	76	87	93	92	92
Monmouthshire	81	80	90	83	95	60	67	75	65	84	77	77	77
Newport	137	138	133	113	98	93	109	110	109	128	121	132	132

1 from 1 April 2009 when new Unitary Authorities were formed). These statistics are no longer available for the former local authority districts abolished in 2009. Mid-year population estimates (MYES) are also not available for the former local authority districts abolished in 2009. The publication of death statistics and MYES for current local authorities only is consistent with the way in which 2011 Census statistics for local authorities are being published. The deaths of those whose usual residence is outside England and Wales are included in 'total registrations' but excluded from any sub-division of England and Wales.

2 Friesland and Wales
3 County Durham UA comprises the former districts of Chester-le-Street, Derwentside, Durham, Easington, Sedgfield, Teesdale and Wear Valley (abolished 2009)

4 Northumberland UA comprises the former districts of Alnwick, Berwick-upon-Tweed, Blyth Valley, Caste Morpeth, Tynedale and Wansbeck (abolished 2009)

5 Cheshire East UA comprises the former districts of Congleton, Crewe and Nantwich and Macclesfield (abolished 2009).

6 Cheshire West and Chester UA comprises the former districts of Chester, Ellesmere Port & Neston and Vale Royal (abolished 2009).

7 Shropshire UA comprises the former districts of Bridgnorth, North Shropshire, Oswestry, Shrewsbury and Atcham and South Shropshire (abolished 2009).

8 Bedford UA comprises the former district of Bedford (abolished 2009).

9 Central Bedfordshire UA comprises the former districts of Mid Bedfordshire and South Bedfordshire (abolished 2009).

10 Cornwall UA comprises the former districts of Caradon, Carrick, Kerrier, North Cornwall, Penwith and Restormel (abolished 2009).

11 The Isles of Scilly were recorded on 1 April 2009. They are separately administered by an Isles of Scilly council and do not form part of Cornwall UA.

12 Wiltshire UA comprises the former districts of Kennet, North Wiltshire, Salisbury and West Wiltshire (abolished 2009).

Source: Office for National Statistics

Monthly figures on deaths registered by area of usual residence, 2013

Area of usual residence

Area of usual residence	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
ENGLAND, WALES AND ELSEWHERE 7	52,898	43,778	44,915	49,735	42,273	35,866	39,806	35,691	36,775	42,322	39,941	42,790
ENGLAND AND WALES	52,813	43,712	44,833	49,630	42,179	35,779	39,709	35,585	36,677	42,214	39,853	42,706
ENGLAND	49,492	41,002	41,915	46,352	39,475	33,503	37,260	33,322	34,350	39,585	37,322	39,974
WALES	3,321	2,710	2,918	3,278	2,704	2,276	2,449	2,263	2,327	2,629	2,531	2,732
NORTH EAST	2,986	2,264	2,119	2,433	2,251	1,914	2,037	1,847	1,946	2,327	2,187	2,154
County Durham UA	618	484	462	513	476	391	379	405	406	461	489	404
Darlington UA	113	85	97	104	97	66	93	74	81	95	81	92
Hartlepool UA	110	74	73	84	76	62	81	50	64	85	86	78
Middlesbrough UA	160	133	133	148	107	93	105	85	86	117	93	105
Northumberland UA	369	298	253	312	306	263	252	240	267	287	293	299
Redcar and Cleveland UA	166	141	141	134	109	118	118	105	92	122	106	104
Stockton-on-Tees UA	188	137	138	146	149	110	127	109	135	150	138	146
Tyne and Wear (Met County)	1,262	912	852	992	931	811	882	779	815	1,010	901	926
Gateshead	256	174	173	178	151	158	157	156	159	191	160	180
Newcastle upon Tyne	258	170	152	222	198	150	187	159	189	198	176	198
North Tyneside	245	186	174	202	202	150	148	150	142	195	172	159
South Tyneside	168	123	126	149	159	141	125	107	113	160	132	136
Sunderland	335	259	227	241	221	212	265	207	212	266	241	253
NORTH WEST	7,179	6,091	6,238	6,778	5,713	4,779	5,448	4,866	4,979	5,720	5,419	5,835
Blackburn with Darwen UA	127	102	133	124	92	87	93	101	88	86	80	102
Blackpool UA	197	156	158	170	183	123	146	115	125	147	168	128
Cheshire East UA	377	318	348	378	274	242	278	287	246	310	321	303
Cheshire West and Chester UA	326	273	286	311	274	213	264	212	247	257	259	264
Halton UA	117	136	105	117	77	94	103	79	106	111	81	85
Warrington UA	218	168	175	215	151	139	148	131	149	167	131	146
Cumbria	560	476	510	492	431	387	411	404	407	426	461	487
Allerdale	123	87	87	98	88	75	88	75	81	84	82	87
Barrow-in-Furness	65	62	79	78	68	54	54	50	48	67	66	83
Carnegie	117	100	105	97	77	77	77	80	84	88	86	106
Copeland	94	68	66	73	54	49	64	63	65	53	53	63
Eden	51	48	49	55	39	44	37	48	32	39	46	44
South Lakeland	110	111	106	91	110	88	108	88	97	95	93	119
Greater Manchester (Met County)	2,484	2,090	2,179	2,299	1,997	1,650	1,925	1,658	1,743	1,972	1,901	1,931
Bolton	257	223	257	258	184	157	197	171	171	213	206	205
Bury	206	150	162	169	151	140	138	105	126	153	126	131
Manchester	393	291	323	305	290	241	253	233	239	291	288	288
Oldham	216	158	159	165	144	149	144	151	151	174	162	158
Rochdale	208	173	144	206	184	143	146	136	139	139	159	157
Salford	203	193	188	205	196	161	194	161	168	188	167	167
Stockport	240	283	261	249	220	186	246	197	205	248	202	213
Tameside	201	180	230	228	184	145	202	174	182	175	178	182
Trafford	213	174	187	215	191	127	158	154	132	157	130	161
Wigan	347	265	268	272	232	208	240	187	245	234	262	269
Lancashire	1,259	1,016	1,045	1,238	1,028	827	982	848	798	1,043	937	1,105
Burnley	91	81	84	76	83	52	68	72	57	78	80	74
Chorley	118	85	83	105	80	54	79	66	54	78	80	104
Fylde	116	92	87	109	87	77	59	58	58	92	91	103
Hyndburn	74	64	75	97	83	63	76	60	50	61	55	85
Lancaster	151	145	130	132	139	114	117	127	97	128	104	135
Pendle	73	65	72	91	72	63	69	60	49	91	60	81
Preston	128	103	93	129	90	74	106	94	94	118	89	94
Ribble Valley	51	42	35	59	47	52	46	38	46	32	45	55
Rossendale	61	50	51	76	61	48	48	46	55	51	45	55
South Ribble	111	97	85	112	80	66	79	53	74	77	68	87
West Lancashire	135	105	120	120	82	67	106	70	92	107	94	109
Wyre	150	95	140	132	124	107	107	103	103	112	126	123
Merseyside (Met County)	1,514	1,326	1,329	1,434	1,206	1,017	1,098	1,031	1,070	1,201	1,080	1,284
Knowsley	182	130	131	135	116	98	108	110	125	130	97	134
Liverpool	468	400	414	408	371	335	340	320	293	334	341	382
Sefton	307	280	278	268	232	228	264	228	269	247	248	272
St Helens	185	199	161	170	146	119	135	116	130	160	138	165
Wirral	372	317	345	361	305	233	251	257	296	308	257	331
YORKSHIRE AND THE HUMBER	5,314	4,391	4,452	4,883	4,207	3,463	3,883	3,606	3,697	4,081	3,893	4,372
East Riding of Yorkshire UA	398	332	333	334	321	255	304	256	250	313	295	312
Kingston upon Hull, City of UA	223	205	216	251	191	161	188	156	208	209	172	224
North East Lincolnshire UA	196	155	127	162	141	125	139	113	140	123	139	151
North Lincolnshire UA	183	166	127	140	128	127	139	120	134	145	158	160
York UA	171	151	150	177	158	119	158	119	135	148	162	157
North Yorkshire	670	539	568	597	476	422	481	460	451	490	479	583
Craven	69	61	52	64	40	35	62	44	44	50	51	64
Hambleton	109	75	79	85	60	60	56	64	64	70	73	73
Harrogate	155	134	145	143	115	93	120	106	101	134	105	143
Richmondshire	45	31	45	38	39	24	30	31	38	28	39	42
Ryedale	58	59	57	61	44	53	50	50	42	44	58	54
Scarborough	150	117	122	138	121	116	98	100	105	116	96	134
Selby	84	62	68	68	57	52	62	65	43	48	57	73

14,590

23,829

11,073

Hillingdon	185	151	144	177	158	109	154	135	146	136	163	141
147	131	132	109	109	126	107	107	91	104	119	117	142
Kingston upon Thames	124	101	108	109	73	86	89	89	80	90	80	90
Merton	119	116	102	109	89	105	105	90	122	122	106	104
Redbridge	193	179	172	184	154	123	126	120	131	146	137	144
Richmond upon Thames	136	95	111	118	118	97	96	84	84	65	95	100
Sutton	146	102	118	155	109	114	112	106	122	122	103	142
Waltham Forest	162	123	120	126	116	98	122	93	121	134	105	103
SOUTH EAST	8,083	6,611	6,819	7,652	6,534	5,539	6,168	5,620	5,651	6,419	6,104	6,578
Bracknell Forest UA	62	62	66	54	59	50	59	46	56	76	47	56
Brighton and Hove UA	215	172	182	168	150	172	172	148	157	175	137	166
Isle of Wight UA	186	171	190	166	152	138	137	104	107	129	132	129
Medway UA	233	157	157	178	179	153	167	167	159	182	162	178
Milton Keynes UA	161	141	150	163	144	106	155	118	111	131	126	146
Portsmouth UA	181	144	158	157	140	134	147	125	111	156	126	149
Reading UA	125	103	105	98	88	61	80	81	78	94	87	108
Slough UA	81	87	79	78	72	60	60	46	54	64	63	78
Southampton UA	194	162	184	182	155	132	139	122	120	167	164	167
West Berkshire UA	119	110	109	110	87	94	104	93	105	100	87	92
Windsor and Maidenhead UA	115	98	112	124	96	83	103	83	89	111	111	111
Wokingham UA	128	101	102	112	93	72	76	69	87	107	100	89
Buckinghamshire	390	333	309	383	300	265	336	294	303	354	315	365
Aylesbury Vale	138	95	99	160	107	78	106	101	98	122	119	144
Chiltern	68	66	60	60	59	41	79	61	69	76	54	76
South Bucks	57	70	53	61	45	49	51	44	26	51	54	51
Wycombe	126	100	91	102	89	97	100	88	110	105	81	94
East Sussex	660	509	559	692	543	439	489	468	483	520	495	518
Eastbourne	133	106	122	156	104	94	104	106	88	99	95	103
Hastings	99	65	76	95	87	80	85	66	85	85	65	78
Lewes	114	91	102	125	92	65	85	85	76	81	89	84
Rother	131	118	122	156	122	87	100	90	106	117	112	104
Wealden	183	129	137	160	138	110	120	121	128	138	134	149
Hampshire	1,255	974	1,096	1,212	1,025	865	1,020	902	932	973	969	1,058
Basingstoke and Deane	142	82	104	131	93	88	100	88	102	107	101	97
East Hampshire	104	86	90	104	104	84	88	88	82	80	90	111
Farham	105	86	97	110	88	72	77	77	77	103	96	96
Eastleigh	105	86	102	110	88	88	100	99	79	103	121	95
Fareham	132	102	101	129	80	82	100	72	79	103	121	95
Gosport	98	58	79	85	68	69	56	53	77	58	68	74
Hart	47	46	37	50	60	51	46	46	54	54	58	46
Havant	134	114	134	118	119	104	103	117	117	105	124	124
New Forest	209	174	201	212	182	130	166	146	156	157	161	172
Rushmoor	80	60	69	64	64	40	64	45	57	66	50	57
Test Valley	110	65	92	104	86	73	100	77	85	82	93	96
Winchester	94	101	92	88	91	72	92	82	71	61	90	90
Kent	1,493	1,214	1,229	1,394	1,192	998	1,081	1,010	1,005	1,131	1,100	1,141
Ashford	91	91	93	113	89	93	68	54	74	85	80	87
Canterbury	161	107	165	159	150	93	104	101	91	118	112	117
Dartford	115	78	86	78	75	50	64	60	53	74	53	69
Dover	106	110	97	110	106	83	97	97	92	101	101	108
Gravesham	101	87	67	81	74	72	89	77	63	61	68	67
Maidstone	167	132	139	111	94	111	111	104	124	130	126	126
Sevenoaks	112	94	93	108	70	79	85	76	81	100	81	81
Shepway	123	106	100	102	98	93	94	83	84	103	96	103
Swale	137	96	92	138	135	91	108	89	108	108	80	102
Thanet	173	133	155	168	130	132	111	117	139	136	126	124
Tonbridge and Malling	108	87	78	98	81	55	85	71	75	73	75	85
Tunbridge Wells	99	93	91	100	73	63	80	78	65	73	79	72
Oxfordshire	557	493	445	540	459	376	379	391	366	438	428	483
Cherwell	111	103	80	99	88	99	85	88	77	103	99	101
Oxford	100	96	78	85	81	61	52	59	70	70	64	103
South Oxfordshire	130	121	101	135	90	65	84	81	79	83	85	101
Vale of White Horse	111	90	97	119	95	86	78	75	96	96	86	84
West Oxfordshire	105	83	89	102	87	65	83	85	65	86	94	94
Surrey	1,025	800	837	980	848	733	793	710	716	826	756	819
Embridge	126	83	105	125	77	92	82	79	92	81	70	95
Epsom and Ewell	62	49	46	48	51	39	48	45	55	39	53	53
Guildford	109	94	91	102	97	69	72	95	79	95	93	92
Mole Valley	91	65	71	79	70	68	73	58	51	71	57	58
Reigate and Banstead	126	108	121	129	110	92	114	93	95	107	100	100
Runnymede	66	68	58	68	65	65	50	53	56	55	54	54
Spelthorne	93	56	67	105	69	79	68	66	48	67	71	78
Surrey Heath	70	55	61	82	55	46	42	60	63	63	69	57
Tandridge	104	70	72	68	59	55	71	55	50	72	69	81
Waverley	109	94	86	127	98	66	89	78	81	98	103	86
Woking	69	58	64	64	61	49	80	46	56	62	61	65
West Sussex	903	780	750	831	727	635	671	612	629	703	706	725
Adur	73	59	70	72	40	50	40	53	37	55	64	65
Arun	208	175	182	159	156	177	135	135	170	166	139	165
Chichester	149	116	111	136	104	105	92	101	102	102	112	113
Crawley	75	69	60	63	53	50	47	59	47	59	66	67
Horsham	125	132	101	107	123	94	87	86	97	124	99	84
Mid Sussex	118	118	97	139	110	106	101	95	96	102	136	112
Worthing	155	108	114	135	109	81	111	92	87	95	90	119
SOUTH WEST	5,571	4,654	4,915	5,423	4,534	3,789	4,238	3,867	3,971	4,561	4,367	4,646
Bath and North East Somerset UA	170	124	155	156	162	122	130	110	118	140	134	149
Bournemouth UA	213	181	335	354	291	244	284	255	287	293	314	286
Bristol, City of UA	328	275	335	354	291	244	284	255	287	293	314	286
Cornwall UA	604	483	512	624	516	447	472	432	421	521	488	527

Area of usual residence	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
ENGLAND, WALES AND ELSEWHERE 1	49,026	41,199	41,217	41,487	39,422	38,505	41,244	35,959	40,979	43,159	39,457	49,770
ENGLAND AND WALES	48,916	41,114	41,129	41,419	39,338	38,434	41,140	35,861	40,874	43,052	39,373	49,664
ENGLAND	45,929	38,566	38,573	38,729	36,880	36,058	38,512	33,640	38,339	40,201	36,967	46,481
WALES	2,987	2,548	2,556	2,690	2,458	2,376	2,628	2,221	2,535	2,851	2,406	3,183
NORTH EAST	2,556	2,196	2,220	2,205	2,129	2,017	2,221	2,023	2,238	2,360	2,020	2,703
County Durham UA	558	454	454	452	417	405	429	359	431	444	428	517
Darlington UA	104	90	104	94	78	86	97	76	101	83	64	110
Hartlepool UA	83	73	60	69	74	71	105	79	73	96	72	117
Middlesbrough UA	138	123	120	116	124	111	117	118	130	148	104	135
Northumberland UA	326	284	238	278	280	265	271	268	295	295	258	358
Redcar and Cleveland UA	113	114	115	119	115	114	100	125	139	142	102	131
Stockton-on-Tees UA	173	157	142	153	125	119	147	152	155	148	125	184
Tyne and Wear (Met County)	1,061	901	987	924	916	846	955	846	914	1,004	867	1,151
Gateshead	217	165	195	184	163	136	195	146	164	162	164	221
Newcastle upon Tyne	247	200	221	204	194	177	214	208	190	222	202	254
North Tyneside	173	144	170	160	212	182	172	161	194	203	165	235
South Tyneside	158	142	147	123	136	133	133	120	132	135	119	151
Sunderland	266	250	254	253	211	218	241	211	234	282	217	290
NORTH WEST	6,611	5,724	5,655	5,711	5,314	5,228	4,917	5,470	5,781	5,303	6,979	
Blackburn with Darwen UA	120	100	99	105	102	96	93	96	96	113	86	128
Blackpool UA	168	144	142	157	149	148	157	116	156	159	126	160
Cheshire East UA	383	315	283	320	257	309	241	269	272	324	293	361
Cheshire West and Chester UA	312	299	280	280	246	247	257	230	272	272	320	361
Halton UA	81	95	120	106	111	88	91	90	89	89	102	122
Warrington UA	206	140	152	179	114	125	142	143	147	170	162	204
Cumbria	485	431	469	438	443	453	411	415	386	468	435	493
Allerdale	97	76	93	113	83	95	88	88	76	97	83	100
Barrow-in-Furness	72	70	73	45	71	53	57	48	48	71	56	68
Carlisle	98	90	78	87	88	96	69	82	82	100	99	102
Copeland	75	48	66	46	60	63	62	56	58	61	70	77
Eden	38	45	44	44	41	36	41	40	31	46	33	46
South Lakeland	105	102	115	103	100	92	87	92	91	93	94	100
Greater Manchester (Met County)	2,295	1,993	1,916	1,957	1,840	1,847	1,989	1,762	1,962	2,013	1,821	2,425
Bolton	213	212	197	190	191	189	209	162	211	203	203	289
Bury	171	152	135	140	133	137	121	134	153	152	137	183
Manchester	352	317	287	296	275	272	306	290	300	269	284	331
Oldham	225	173	171	184	152	191	180	143	205	185	193	214
Rochdale	189	161	166	166	179	148	147	165	144	144	142	211
Salford	210	186	175	186	192	162	174	156	163	173	153	216
Stockport	236	218	212	234	186	206	245	199	210	216	216	260
Tameside	221	187	176	150	150	164	153	167	181	207	142	200
Trafford	188	157	139	165	148	139	141	142	142	177	138	198
Wigan	290	230	259	224	234	239	245	223	232	242	213	323
Lancashire	1,162	1,007	987	1,025	945	897	998	836	933	991	941	1,282
Burnley	85	77	72	75	70	65	72	59	87	71	81	97
Chorley	117	92	88	92	81	71	66	70	78	97	80	112
Fylde	105	92	82	84	85	94	66	73	73	91	69	101
Hyndburn	67	61	59	73	59	51	78	62	62	68	65	98
Lancaster	153	142	117	116	95	105	117	113	135	132	105	151
Pendle	78	66	78	84	83	44	64	55	55	72	72	107
Preston	112	108	113	91	91	110	95	84	85	92	84	140
Ribble Valley	57	37	51	55	52	47	52	39	52	52	59	68
Rossendale	57	49	39	57	60	41	56	45	49	60	59	87
South Ribble	89	93	77	61	83	66	81	69	80	74	79	87
West Lancashire	91	85	108	108	87	90	89	72	83	79	92	112
Wyre	151	122	129	114	112	122	115	84	107	104	105	122
Merseyside (Met County)	1,399	1,200	1,207	1,144	1,107	1,095	1,178	988	1,175	1,182	1,110	1,484
Knowsley	150	121	112	134	102	98	127	107	136	119	111	175
Liverpool	408	353	370	316	333	347	320	305	337	356	336	419
Sefton	313	271	285	261	233	232	283	234	248	235	242	342
St Helens	157	154	142	137	147	151	157	113	165	164	141	209
Wirral	371	301	298	296	292	267	291	229	289	308	267	339
YORKSHIRE AND THE HUMBER	4,820	3,980	4,014	4,034	3,873	3,703	4,004	3,575	4,098	4,235	3,865	5,067
East Riding of Yorkshire UA	332	316	252	311	280	299	280	262	269	321	275	394
Kingston upon Hull, City of UA	216	225	196	200	204	192	212	189	182	213	203	244
North East Lincolnshire UA	151	125	124	125	125	129	146	111	120	140	117	157
North Lincolnshire UA	149	116	133	156	125	112	148	119	134	127	147	188
York UA	199	147	141	138	113	137	158	119	155	137	157	170
North Yorkshire	583	505	467	501	513	443	498	438	544	524	474	589
Craven	55	48	46	54	40	37	56	53	55	57	38	67
Hambleton	88	72	61	73	69	69	71	72	82	57	60	83
Harrogate	150	140	131	130	140	112	118	103	144	150	144	139
Richmondshire	43	38	39	33	39	27	40	40	40	38	31	38
Ryedale	52	36	52	43	46	46	36	34	43	34	46	53
Scarborough	112	105	90	104	124	103	113	88	123	117	96	148
Selby	83	66	48	62	60	49	64	48	57	71	59	61

South Yorkshire (Met County)	1,284	1,009	1,045	1,005	985	955	1,013	956	1,111	1,055	968	1,298
Barnsley	243	207	210	182	167	155	185	174	196	196	171	227
Doncaster	338	235	244	235	262	230	241	215	274	249	224	267
Rotherham	267	186	204	204	231	206	191	192	226	200	270	279
Sheffield	436	375	405	384	325	364	396	361	437	387	373	525
West Yorkshire (Met County)	1,906	1,537	1,656	1,598	1,528	1,436	1,549	1,381	1,583	1,718	1,524	2,027
Bradford	394	377	352	396	346	304	332	316	373	412	323	491
Calderdale	177	151	148	153	136	140	137	159	158	148	205	205
Kirkstoes	380	297	322	306	288	293	286	255	268	310	282	398
Leeds	645	474	560	510	517	483	516	454	500	578	493	587
Wakefield	310	238	274	230	224	220	275	219	283	260	278	346
EAST MIDLANDS	4,093	3,498	3,485	3,466	3,300	3,297	3,498	3,003	3,301	3,599	3,323	4,076
Derby UA	221	166	184	193	171	161	177	156	181	177	169	203
Leicester UA	225	235	210	178	194	201	189	178	194	220	185	249
Nottingham UA	219	186	201	175	182	223	165	182	210	164	237	237
Rutland UA	33	24	25	25	25	21	33	31	37	29	25	32
Derbyshire	794	664	663	627	592	592	639	609	604	682	589	756
Amber Valley	150	111	112	111	85	96	109	80	80	92	96	119
Botsover	90	77	72	70	58	67	69	67	67	67	69	86
Chesterfield	103	75	99	77	101	101	89	81	97	93	96	111
Derbysire Dales	80	78	66	47	58	83	52	62	62	78	44	73
Erwasht	123	83	102	71	86	95	78	88	109	109	92	91
High Peak	81	80	78	60	50	81	64	60	60	77	84	84
North East Derbyshire	101	89	83	86	80	82	77	91	77	96	81	109
South Derbyshire	66	71	67	67	60	60	64	73	70	70	59	83
Leicestershire	577	449	476	440	452	465	491	380	453	481	470	621
Blaby	76	66	61	63	65	58	48	67	67	73	59	84
Charnwood	126	109	114	103	117	113	93	116	113	113	122	160
Harborough	75	56	62	71	55	78	57	55	55	82	64	87
Hinckley and Bosworth	90	77	75	68	82	73	57	74	74	81	79	94
Melton	51	24	47	43	35	31	38	35	26	32	38	45
North West Leicestershire	95	70	70	31	71	76	57	57	75	71	50	58
Caddy and Wigston	64	47	46	45	55	55	33	40	40	39	50	58
Lincolnshire	708	652	594	662	634	597	605	526	597	629	603	649
Boston	62	61	44	53	61	60	61	49	49	54	58	58
East Lindsey	168	150	135	160	163	155	134	115	132	151	166	150
Lincoln	83	66	64	60	78	78	55	58	78	58	62	74
North Keesteven	98	89	84	81	91	70	74	62	62	93	84	89
South Holland	91	98	112	122	103	80	97	85	93	90	76	97
South Keesteven	116	118	112	122	103	96	100	88	100	107	92	127
West Lindsey	90	70	66	87	71	62	60	60	67	76	65	54
Northamptonshire	555	489	490	483	472	488	469	411	461	508	462	586
Corby	53	47	54	46	51	43	36	42	41	45	37	42
Darenty	78	52	57	56	69	56	54	48	48	48	43	60
East Northamptonshire	67	62	64	70	61	65	69	54	56	72	78	100
Kettering	76	55	55	65	59	63	80	66	59	84	68	76
Northampton	153	160	143	136	137	119	111	147	143	137	172	172
South Northamptonshire	75	62	52	48	56	38	38	52	62	54	45	58
Wellingborough	53	51	43	62	60	62	53	49	58	54	45	58
Nottinghamshire	761	633	642	683	578	617	672	547	592	663	656	743
Asfield	127	97	103	112	88	88	84	108	88	88	107	122
Bassettaw	123	102	82	109	78	108	98	87	87	94	116	97
Broxtoaw	100	83	84	99	76	88	97	70	76	97	103	90
Gedling	117	77	103	84	94	105	75	78	78	91	106	106
Manstfield	93	82	92	95	83	63	92	70	83	94	77	123
Newark and Sherwood	108	97	102	94	83	105	83	95	95	124	85	117
Rushcliffe	93	95	76	82	62	78	94	78	65	75	77	88
WEST MIDLANDS	5,242	4,271	4,289	4,268	3,929	3,967	4,185	3,694	4,297	4,441	4,089	5,032
Herefordshire, County of UA	190	147	144	154	148	181	129	165	157	157	145	208
Shropshire UA	348	266	227	256	247	236	249	222	248	218	287	287
Stoke-on-Trent UA	215	232	176	185	214	184	176	212	193	203	193	193
Telford and Wrekin UA	138	100	118	113	107	89	118	81	94	100	109	129
Staffordshire	896	680	684	664	602	611	634	581	674	692	661	850
Canock Chase	103	65	87	67	64	63	70	58	75	70	78	82
East Staffordshire	116	94	77	100	75	77	70	84	84	83	91	123
Lichfield	119	92	97	72	81	77	81	69	91	73	73	101
Newcastle-under-Lyme	131	96	95	70	76	84	98	83	92	125	102	133
South Staffordshire	106	98	92	80	73	76	76	102	102	95	85	113
Stafford	152	92	101	124	104	108	84	97	111	98	109	146
Staffordshire Moorlands	110	98	88	82	68	83	78	92	72	85	71	97
Tamworth	59	45	47	52	49	48	70	45	47	63	52	55
Warwickshire	504	394	407	406	346	409	400	369	416	471	410	533
North Warwickshire	54	48	48	48	51	50	43	42	42	61	49	71
Nuneaton and Bedworth	103	92	97	72	86	90	83	104	104	107	96	128
Rugby	93	62	59	70	56	79	64	67	74	91	69	100
Stratford-on-Avon	142	90	113	104	93	94	108	100	108	116	108	126
Warwick	112	102	88	89	77	99	88	76	88	96	88	108
West Midlands (Met County)	2,393	1,992	2,048	2,019	1,839	1,850	1,952	1,752	2,003	2,084	1,885	2,296
Birmingham	813	735	739	705	637	644	714	644	728	716	624	817
Covenry	283	211	223	210	182	196	199	211	239	239	223	275
Dudley	301	270	248	234	242	236	247	233	262	252	276	287
Sandwell	288	219	230	234	198	236	213	185	242	260	220	289
Solihull	208	171	169	187	172	149	171	155	155	153	137	156
Walsall	263	199	216	236	197	202	219	188	215	238	202	255
Wolverhampton	237	187	223	202	183	201	192	184	190	226	203	217
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Hillingdon	186	134	144	122	151	142	149	162	184	139	202	202	157	102	100	157	202
Bracknell Forest UA	62	55	57	58	53	61	48	59	57	45	59	59	188	188	180	180	154
Ile of Wight UA	214	161	148	148	149	150	122	120	141	143	154	154	188	188	180	180	154
Medway UA	190	209	176	208	184	140	158	193	195	193	228	228	190	190	180	180	154
Millon Keynes UA	187	121	136	155	143	101	122	142	154	131	160	160	187	187	180	180	154
Portsmouth UA	179	138	164	138	167	136	98	130	137	128	151	151	179	179	180	180	154
Reading UA	94	88	84	81	81	69	82	88	74	85	111	111	94	94	88	88	85
Slough UA	86	64	46	58	60	47	54	69	69	69	70	70	86	86	69	69	70
Southernhampton UA	181	125	144	152	135	147	125	147	142	138	175	175	181	181	142	142	175
West Berkshire UA	109	93	86	88	102	81	76	106	108	87	120	120	109	109	106	106	120
Windsor and Maidenhead UA	112	81	103	87	98	96	116	77	112	114	122	122	112	112	114	114	122
Wokingham UA	98	107	94	92	94	89	87	102	102	92	98	98	98	98	102	102	98
Buckinghamshire	364	349	312	299	313	336	298	315	363	343	405	405	364	364	315	315	405
Aylesbury Vale	131	122	106	92	113	119	85	93	129	121	139	139	131	131	93	93	139
Chiltern	70	68	63	67	61	52	62	64	60	63	73	73	70	70	64	64	73
South Bucks	62	44	47	47	46	60	55	46	62	56	71	71	62	62	46	46	71
Wychcombe	101	115	96	93	93	96	101	96	112	103	122	122	101	101	96	96	122
East Sussex	586	512	473	504	493	473	565	420	489	530	596	596	586	586	420	420	596
Eastbourne	127	107	98	74	93	87	105	83	102	110	154	154	127	127	102	102	154
Hastings	91	66	73	70	88	95	59	79	80	94	102	102	91	91	79	79	102
Lewes	81	85	85	89	98	88	90	59	63	81	93	93	81	81	63	63	93
Rother	139	114	100	110	112	121	83	111	143	117	115	115	139	139	111	111	115
Wealden	148	140	117	134	120	124	154	124	134	145	140	140	148	148	124	124	140
Hampshire	1,140	944	969	1,005	1,005	1,049	838	938	1,031	942	1,137	1,137	1,140	1,140	838	838	1,137
Basingstoke and Deane	133	93	103	95	106	109	88	114	131	92	121	121	133	133	88	88	121
East Hampshire	113	92	71	96	88	105	70	80	107	107	98	98	113	113	70	70	98
Eastleigh	100	93	77	76	84	87	65	73	77	75	100	100	100	100	65	65	100
Farham	101	84	92	119	101	107	70	77	108	95	120	120	101	101	77	77	120
Fareham	101	92	77	79	84	84	65	65	73	75	95	95	101	101	65	65	95
Gosport	61	66	71	66	70	63	59	64	61	54	73	73	61	61	59	59	73
Hart	58	53	47	45	55	55	42	51	56	48	65	65	58	58	42	42	65
Havant	103	108	116	108	102	102	93	102	117	100	114	114	103	103	93	93	114
New Forest	182	151	180	170	152	176	167	168	171	151	190	190	182	182	167	167	190
Rushmoor	76	44	46	54	46	54	47	57	57	49	59	59	76	76	47	47	59
Test Valley	118	78	83	97	70	97	64	80	77	73	87	87	118	118	64	64	87
Winchester	95	82	83	96	101	93	92	73	72	95	110	110	95	95	73	73	110
Kent	1,472	1,119	1,227	1,171	1,098	1,069	1,154	948	1,125	1,146	1,311	1,311	1,472	1,472	948	948	1,311
Ashford	112	71	97	95	92	86	79	94	94	83	112	112	112	112	79	79	112
Canterbury	176	128	144	114	131	108	120	109	128	119	151	151	176	176	109	109	151
Dartford	74	68	63	49	66	65	72	58	66	74	97	97	74	74	58	58	97
Dover	130	113	107	113	96	86	94	94	97	93	112	112	130	130	94	94	112
Gravesham	97	78	68	75	73	64	61	61	73	92	76	76	97	97	61	61	76
Maldstone	172	108	122	120	118	106	98	100	111	119	146	146	172	172	98	98	146
Sevenoaks	97	76	88	86	84	84	72	80	88	88	146	146	97	97	72	72	146
Shepway	138	75	110	112	101	105	93	100	103	103	119	119	138	138	93	93	119
Swale	118	104	111	98	101	94	115	106	106	109	115	115	118	118	106	106	115
Thanet	180	140	170	152	117	129	138	121	127	137	154	154	180	180	121	121	154
Tonbridge and Malling	85	88	68	69	82	65	58	58	72	81	70	70	85	85	58	58	70
Tunbridge Wells	93	70	79	88	84	85	64	80	88	88	87	87	93	93	64	64	87
Oxfordshire	559	441	472	431	436	421	400	452	445	429	478	478	559	559	400	400	478
Cherwell	143	103	135	108	98	101	100	99	99	90	111	111	143	143	99	99	111
Oxford	89	78	71	69	76	66	70	70	82	71	80	80	89	89	70	70	80
South Oxfordshire	123	101	98	98	80	99	83	83	100	79	104	104	123	123	83	83	104
Vale of White Horse	101	73	81	74	75	90	77	76	101	107	82	82	101	101	77	77	82
West Oxfordshire	103	86	87	82	84	84	70	77	77	82	101	101	103	103	70	70	101
Surrey	1,048	809	817	777	741	787	654	809	805	804	913	913	1,048	1,048	654	654	913
Embridge	98	93	81	70	80	90	87	62	96	97	95	95	98	98	62	62	95
Epsom and Ewell	60	51	45	47	49	49	36	48	40	45	74	74	60	60	36	36	74
Guildford	102	92	90	84	85	89	63	52	84	90	80	80	102	102	63	63	90
Mole Valley	110	65	73	85	52	70	68	66	70	61	77	77	110	110	68	68	77
Reigate and Banstead	145	100	120	97	105	102	86	118	106	106	123	123	145	145	86	86	123
Runnymede	73	50	40	44	55	51	53	49	63	37	51	51	73	73	53	53	51
Spelthorne	94	62	75	67	68	55	62	63	65	93	95	95	94	94	63	63	95
Surrey Heath	71	69	70	66	64	59	53	51	54	59	71	71	71	71	51	51	71
Tandridge	91	61	74	65	62	62	51	66	60	76	80	80	91	91	66	66	80
Waverley	119	102	84	99	81	98	101	109	88	87	105	105	119	119	109	109	105
Woking	85	64	65	53	70	62	61	57	56	62	62	62	85	85	57	57	62
West Sussex	837	720	671	733	662	658	701	685	721	701	848	848	837	837	685	685	848
Adur	76	56	45	65	52	47	61	48	63	46	70	70	76	76	48	48	70
Arun	178	150	158	178	153	165	157	174	175	176	207	207	178	178	157	157	207
Chichester	130	131	101	124	94	107	111	106	119	101	110	110	130	130	106	106	110
Crawley	74	61	73	53	51	59	66	45	53	47	61	61	74	74	45	45	61
Horsham	123	98	87	108	96	86	98	90	97	109	139	139	123	123	90	90	139
Mid Sussex	132	110	104	93	111	87	85	120	123	117	142	142	132	132	85	85	142
Worthing	124	114	103	112	110	102	122	103	95	105	119	119	124	124	103	103	119
SOUTH WEST	5,183	4,351	4,278	4,404	4,231	4,085	3,820	4,337	4,627	4,098	5,273	5,273	5,183	5,183	3,820	3,820	5,273
Bath and North East Somerset UA	158	118	123	1													

		Non-residents of England & Wales											
		110	85	88	68	84	71	104	98	105	107	84	106
Isles of Scilly UA	1	202	185	214	202	186	179	180	162	176	134	2	
North Somerset UA	228	202	168	215	202	169	158	204	160	173	204	172	
Plymouth UA	209	170	130	116	120	138	125	113	114	141	119	172	
Poole UA	172	170	130	116	120	138	125	113	114	141	119	172	
South Gloucestershire UA	205	185	160	163	163	160	157	153	160	191	158	205	
Swindon UA	149	157	145	123	139	138	113	145	138	139	119	149	
Torbay UA	175	161	137	146	148	155	138	155	124	136	125	175	
Wiltshire UA	454	428	375	319	325	321	352	376	276	401	310	454	
Devon	843	843	702	683	678	655	692	617	699	715	644	747	
East Devon	184	184	165	152	138	140	152	124	151	166	134	166	
Exeter	94	94	68	88	95	82	77	84	90	103	84	87	
Mid Devon	63	63	64	66	53	53	52	52	54	54	51	69	
North Devon	119	119	76	101	92	91	90	94	95	84	80	93	
South Hams	94	94	74	66	71	63	72	58	71	84	68	90	
Torbide	143	143	131	111	118	124	127	111	122	131	107	125	
Torridge	77	77	64	74	62	57	66	59	65	59	72	64	
West Devon	69	69	60	44	37	48	45	42	47	34	48	53	
Christchurch	64	64	47	59	52	57	61	58	45	44	56	72	
East Dorset	110	110	69	77	99	103	78	73	87	72	94	103	
North Dorset	51	51	50	53	57	47	50	56	53	72	69	73	
Purbeck	46	46	23	44	29	49	39	25	44	46	44	46	
West Dorset	112	112	97	99	95	114	106	97	101	117	88	109	
Weymouth and Portland	67	67	55	55	73	67	53	53	66	69	67	73	
Gloucestershire	565	477	491	509	472	438	438	445	466	557	444	583	
Cheltenham	111	90	95	93	83	82	83	69	76	117	76	89	
Corswold	78	69	75	70	64	75	64	71	75	78	69	89	
Forest of Dean	84	67	77	78	67	54	67	66	70	89	67	83	
Gloucester	89	80	91	93	87	82	83	83	94	88	72	98	
Stroud	119	95	85	112	97	81	84	98	83	107	78	134	
Tewkesbury	84	76	68	63	66	59	58	58	68	68	72	84	
Somerset	538	446	470	466	425	413	432	405	446	469	441	614	
Mendip	110	108	89	97	79	78	88	91	83	86	79	105	
Sedgemoor	127	107	91	78	90	78	90	83	98	107	100	134	
South Somerset	148	130	147	154	139	112	133	105	133	133	126	194	
Taunton Deane	113	89	95	87	90	110	99	92	105	103	99	127	
West Somerset	40	28	32	37	39	23	34	34	27	40	37	54	
WALE	2,987	2,548	2,556	2,690	2,458	2,376	2,628	2,221	2,535	2,851	2,406	3,183	
Isle of Angelsey	85	51	86	79	57	66	55	56	53	71	55	66	
Gwynedd	109	101	94	107	89	103	112	88	102	125	90	115	
Conwy	136	134	126	126	104	98	141	116	135	125	113	165	
Denbighshire	103	108	95	98	104	93	89	79	131	119	91	131	
Flintshire	139	112	99	121	103	97	121	99	123	131	97	145	
Wrexham	138	118	113	133	108	103	121	104	100	127	96	127	
Powys	135	109	121	129	131	108	95	103	129	133	118	143	
Ceredigion	67	62	55	58	65	73	51	60	96	79	61	67	
Pembrokeshire	128	103	119	116	115	108	108	77	96	126	117	113	
Swansea	237	200	185	196	175	198	162	194	231	231	186	248	
Neath Port Talbot	131	116	124	139	130	130	123	107	134	129	143	157	
Bridgend	154	126	128	132	96	118	126	105	120	128	104	176	
The Vale of Glamorgan	112	100	92	105	97	91	98	111	111	100	123	283	
Cardiff	234	227	227	247	195	204	235	181	238	259	213	283	
Rhondda, Cynon, Taff	230	196	206	210	217	170	204	184	179	223	204	277	
Merthyr Tydfil	61	41	64	61	59	37	58	45	37	46	41	54	
Caerphilly	165	165	149	142	135	109	167	130	135	148	115	176	
Blaenau Gwent	75	58	69	57	64	67	67	61	67	75	53	80	
Torfaen	87	72	69	80	79	72	66	66	75	83	69	107	
Monmouthshire	102	73	84	68	79	78	83	74	60	64	54	87	
Newport	153	97	112	115	105	113	112	93	96	136	113	122	

Footnotes:

1 The deaths of those whose usual residence is outside England and Wales are included in 'total registrations' but excluded from any sub-division of England and Wales.

Source: Office for National Statistics
Released: 28 July 2015

Monthly provisional figures on deaths registered by area of usual residence, 2015
 England and Wales

Area of usual residence	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
ENGLAND, WALES AND ELSEWHERE ^{1,2}	60,888	46,704	47,880	45,171	39,329	42,069	40,494	36,176	41,566	42,216	41,510	45,498
ENGLAND AND WALES	60,776	46,614	47,804	45,069	39,236	41,977	40,381	36,073	41,484	42,108	41,418	45,400
ENGLAND	57,031	43,708	44,794	42,278	36,699	39,276	37,898	33,802	38,870	39,444	38,872	42,483
WALES	3,745	2,906	3,010	2,791	2,537	2,701	2,483	2,271	2,614	2,664	2,546	2,917
NORTH EAST	3,238	2,595	2,500	2,452	2,106	2,191	2,123	1,844	2,151	2,190	2,195	2,476
County Durham	635	505	520	475	409	412	414	338	434	466	409	509
Darlington	149	78	105	102	78	90	111	89	83	109	97	96
Hartlepool	138	99	108	69	85	71	71	65	74	82	81	112
Middlesbrough	166	144	130	116	127	124	119	104	107	107	95	101
Northumberland	413	330	337	302	290	285	257	224	267	279	295	295
Redcar and Cleveland	179	144	129	142	136	125	114	108	120	117	108	140
Stockton-on-Tees	263	169	155	164	127	129	142	101	161	148	140	180
Tyne and Wear (Met County)	1,295	1,126	1,016	1,082	857	941	895	815	905	894	950	1,043
Gateshead	226	195	187	180	171	171	150	150	176	170	191	205
Newcastle upon Tyne	298	260	223	237	177	231	204	187	176	184	222	235
North Tyneside	225	221	194	216	162	164	181	158	181	174	168	177
South Tyneside	194	180	159	160	125	124	120	122	153	130	133	143
Sunderland	352	270	247	282	213	251	240	198	219	236	236	283
NORTH WEST	8,074	6,125	6,427	6,056	5,333	5,614	5,543	4,964	5,519	5,636	5,678	6,330
Blackburn with Darwen	142	103	124	116	78	96	99	80	97	102	122	106
Blackpool	233	174	188	191	147	160	124	133	162	145	170	158
Cheshire East	470	331	367	329	296	314	299	277	312	268	326	295
Cheshire West and Chester	325	305	308	279	270	280	261	219	265	269	278	296
Halon	162	105	100	102	99	90	90	81	102	98	86	107
Warrington	234	148	172	164	148	155	151	126	174	154	164	167
Cumbria	614	479	562	463	428	423	451	413	442	420	399	486
Allerdale	111	95	132	96	79	80	79	78	94	95	76	101
Barrow-in-Furness	73	62	68	72	60	63	61	83	62	68	48	53
Carlisle	125	111	120	102	87	76	103	80	78	65	98	100
Copeland	81	67	76	55	69	73	67	46	49	64	47	65
Eden	73	47	49	49	45	44	44	36	42	42	47	50
South Lakeland	151	97	117	89	88	92	97	90	88	86	82	117
Greater Manchester (Met County)	2,886	2,120	2,184	2,094	1,823	1,876	2,005	1,765	1,895	2,010	2,013	2,174
Bolton	292	229	223	222	198	201	215	195	225	210	192	220
Buy	195	173	154	155	143	133	170	144	136	170	149	180
Manchester	434	308	292	318	252	269	254	267	314	314	327	327
Oldham	255	169	205	172	145	161	182	151	154	178	181	213
Rochdale	240	150	185	190	149	161	154	159	164	150	157	155
Salford	258	190	197	204	191	162	188	153	166	160	154	201
Stockport	328	241	240	238	197	212	234	192	237	243	231	231
Tameside	295	207	192	194	174	177	169	156	161	177	189	197
Trafford	226	179	203	143	162	173	169	129	133	157	162	172
Wigan	363	274	283	258	212	228	262	219	257	257	271	278
Lancashire	1,371	1,057	1,067	1,050	924	954	930	855	962	987	935	1,164
Burnley	102	83	88	73	68	74	74	69	63	88	81	80
Chorley	141	83	89	82	78	71	72	77	71	85	79	96
Fylde	135	80	95	98	87	75	81	79	84	78	94	94
Hyndburn	93	65	62	84	71	60	41	57	69	69	68	60
Lancaster	156	120	135	129	118	118	119	115	105	122	103	155
Pendle	104	86	66	66	50	73	53	54	54	71	58	105
Preston	158	107	108	111	94	84	87	83	102	105	89	110
Ribble Valley	61	52	46	52	36	44	41	45	41	43	55	55
Rossendale	89	57	60	50	50	56	55	42	55	41	47	67
South Ribble	99	92	84	97	70	92	69	65	95	79	75	88
West Lancashire	107	99	98	83	75	99	98	83	83	111	95	117
Wyre	126	133	130	125	108	132	120	95	117	110	119	137
Merseide (Met County)	1,637	1,303	1,355	1,268	1,120	1,266	1,133	1,015	1,108	1,183	1,185	1,377
Knowsley	160	132	137	133	103	140	128	115	117	114	108	140
Liverpool	529	367	391	365	368	340	340	271	321	367	355	425
Sefton	368	317	312	277	239	227	229	240	228	256	281	281
St. Helens	202	156	164	151	147	142	146	132	171	152	189	189
Wirral	378	331	331	342	273	305	296	254	298	303	314	342
YORKSHIRE AND THE HUMBER	5,941	4,459	4,574	4,335	3,965	4,170	3,875	3,658	4,051	3,985	4,108	4,556
East Riding of Yorkshire	444	346	355	334	308	329	286	263	339	300	312	324

197	175	194	192	164	190	213	180	215	226	237	322	Kingston upon Hull, City of
166	114	139	128	132	121	132	123	135	149	158	181	North East Lincolnshire
147	110	128	105	105	119	139	154	152	172	188	211	North Lincolnshire
145	148	159	149	135	144	152	138	153	142	188	211	York
589	545	512	483	452	499	483	496	499	548	525	733	North Yorkshire
66	45	46	49	40	56	38	52	55	55	62	99	Craven
66	45	46	49	40	56	38	52	55	55	62	99	Hambleton
77	69	81	83	62	71	66	54	82	87	87	99	Harrogate
154	132	135	125	128	133	118	139	128	128	138	198	Richmondshire
42	37	40	26	40	36	33	36	49	38	67	67	Ryedale
51	46	49	38	42	46	55	40	56	56	68	68	Scarborough
118	129	111	102	102	95	100	102	123	102	161	161	Selby
81	82	53	51	59	56	47	74	55	55	78	78	South Yorkshire (Met County)
1,195	1,042	1,020	887	1,009	1,047	970	1,154	1,146	1,156	1,584	1,584	South Yorkshire (Met County)
257	185	219	188	163	176	172	204	231	210	296	296	Barnsley
294	247	216	229	207	222	222	248	285	267	388	388	Doncaster
226	205	195	188	187	207	220	243	238	241	344	344	Rotherham
418	405	390	402	329	413	392	459	392	438	556	556	Sheffield
1,793	1,622	1,556	1,607	1,524	1,496	1,686	1,596	1,690	1,826	2,278	2,278	West Yorkshire (Met County)
398	328	338	349	320	371	381	359	403	383	502	502	Bradford
398	328	338	349	320	371	381	359	403	383	502	502	Calderdale
168	146	140	165	153	149	158	173	159	144	227	227	Kirkstoes
348	318	293	307	295	306	275	313	317	344	397	397	Leeds
609	572	523	537	497	583	525	521	633	574	750	750	Wakefield
402	273	262	227	253	277	257	324	314	273	402	402	East Midlands
3,921	3,484	3,593	3,521	3,006	3,482	3,492	3,342	3,911	4,003	5,237	5,237	East Midlands
191	182	177	185	169	180	189	194	170	190	209	248	Derby
247	201	242	226	190	182	193	184	223	222	308	308	Leicester
218	197	162	190	155	212	203	175	227	219	279	279	Nottingham
28	34	34	28	32	34	27	30	40	29	48	48	Rutland
727	657	675	669	563	656	637	741	739	827	963	963	Derbyshire
129	107	106	106	91	103	105	125	118	132	158	158	Amber Valley
81	75	63	64	84	82	64	75	87	81	94	94	Bolsover
107	102	103	103	78	100	89	98	107	106	124	124	Chesterfield
107	102	102	102	83	65	66	73	69	89	113	113	Derbyshire Dales
67	75	83	65	47	65	66	73	69	89	113	113	High Peak
95	86	102	86	56	68	69	99	77	87	97	97	North East Derbyshire
89	88	69	66	81	80	67	83	75	80	84	84	North West Derbyshire
78	66	69	66	46	40	62	55	52	52	68	68	Cadby and Wigston
680	666	685	604	563	650	626	669	736	669	1,040	1,040	Lincolnshire
145	162	149	147	150	155	137	164	169	166	221	221	East Lindsey
89	79	81	64	69	67	62	63	83	88	136	136	Lincoln
101	84	80	90	87	92	104	87	98	94	134	134	North Kesteven
89	90	105	74	73	76	76	89	102	102	136	136	South Holland
108	112	126	108	103	111	104	116	115	110	171	171	South Kesteven
88	84	79	68	58	77	82	63	90	85	131	131	West Lindsey
562	443	499	525	419	477	479	545	630	537	673	673	Northamptonshire
56	46	44	46	46	46	37	53	60	40	56	56	Corby
66	48	47	56	32	54	48	64	65	69	77	77	Daventry
66	48	47	56	32	54	48	64	65	69	77	77	East Northamptonshire
75	58	59	61	67	75	66	83	80	84	96	96	Kettering
66	77	59	81	61	75	63	73	87	84	96	96	Northampton
155	122	162	119	115	138	134	154	191	140	204	204	Northampton
71	47	45	54	60	66	53	70	82	66	86	86	South Northamptonshire
73	45	58	60	60	54	42	48	65	67	65	65	Wellingborough
698	616	633	623	501	609	663	792	735	794	1,018	1,018	Nottinghamshire
98	101	104	106	82	87	107	125	115	127	137	137	Ashfield
98	101	104	106	82	87	107	125	115	127	137	137	Baselstow
116	100	104	106	73	79	97	121	96	120	157	157	Broxlow
104	80	80	78	61	77	86	103	115	103	152	152	Gedling
100	81	99	87	72	114	88	124	115	112	155	155	Mansfield
102	94	96	73	73	88	81	104	100	111	125	125	Newark and Sherwood
85	84	93	81	68	75	78	102	90	98	141	141	Rushcliffe
4,617	4,374	4,329	4,250	3,665	4,209	4,312	4,081	4,927	4,675	6,372	6,372	WEST MIDLANDS
171	178	161	169	144	139	190	166	206	169	269	269	Herefordshire, County of
311	263	271	307	227	260	247	306	316	319	409	409	Shropshire
201	191	205	211	157	199	205	244	218	240	261	261	Stoke-on-Trent
124	120	113	99	95	130	121	131	141	143	168	168	Telford and Wrekin

Staffordshire	993	702	767	744	679	676	691	602	621	683	681	791
Cannoek Chase	104	64	92	82	66	84	87	65	70	87	67	86
East Staffordshire	124	81	99	101	83	88	94	71	71	95	97	112
Lichfield	126	84	85	94	82	81	77	69	83	83	71	86
Newcastle-under-Lyme	141	117	107	100	112	104	101	95	105	105	102	111
South Staffordshire	148	82	107	113	87	100	100	68	81	96	103	98
Stafford	149	111	124	127	94	96	96	86	98	112	97	114
Staffordshire Moorlands	127	120	95	91	86	87	81	76	80	78	81	97
Tamworth	74	43	58	38	51	47	44	43	43	39	48	61
Warwickshire	620	503	492	444	378	448	424	397	416	399	448	475
North Warwickshire	78	72	59	70	35	56	44	57	57	50	51	66
Nuneaton and Bedworth	142	136	116	95	99	107	98	100	84	96	96	113
Rugby	103	90	86	70	66	82	73	74	65	67	85	86
Stratford-on-Avon	168	117	141	128	89	108	103	96	113	94	109	101
Warwick	129	88	90	81	89	95	99	83	97	92	107	109
West Midlands (Met County)	2,985	2,103	2,245	2,212	1,914	1,983	1,889	1,609	1,975	2,040	2,009	2,053
Birmingham	1,035	733	742	790	656	678	677	589	668	699	678	693
Coventry	304	236	252	228	234	214	214	174	257	229	210	224
Dudley	402	285	307	260	243	269	230	196	239	255	275	244
Sandwell	358	233	283	211	216	214	190	238	223	233	266	244
Solihull	255	177	200	164	149	148	124	158	178	155	147	147
Walsall	331	216	250	241	217	227	161	211	244	218	251	251
Wolverhampton	300	223	227	220	210	211	212	171	204	212	240	228
Worcestershire	667	496	542	496	434	442	477	434	452	457	484	491
Bromsgrove	129	103	101	103	82	74	84	95	95	82	104	101
Malvern Hills	114	101	85	97	49	75	76	80	74	73	73	95
Redditch	75	54	61	46	45	48	56	36	56	55	54	52
Worcester	93	59	79	74	61	71	67	49	66	66	77	61
Wyche	138	106	90	109	88	88	94	81	89	89	95	89
Wyre Forest	118	82	110	86	78	102	86	86	82	92	81	93
EAST	6,682	5,206	5,145	4,782	4,052	4,575	4,336	3,852	4,291	4,581	4,348	4,532
Bedford	167	141	153	122	108	112	113	106	112	118	104	126
Central Bedfordshire	242	196	187	165	144	164	166	137	165	167	151	163
Luton	157	103	132	127	102	130	127	105	109	103	113	113
Peterborough	154	163	117	109	111	123	113	110	122	138	109	123
Southeast-on-Sea	205	170	224	156	129	172	159	128	150	172	156	150
Thurrock	160	110	98	94	103	106	90	95	80	98	84	109
Cambridgeshire	663	472	459	454	382	431	414	379	406	470	416	438
Cambridge	110	93	77	70	62	57	67	63	59	84	63	83
East Cambridgeshire	84	68	59	63	48	57	53	50	57	70	62	50
Fenland	140	106	95	79	76	94	87	80	88	78	96	91
Huntingdonshire	159	99	125	138	106	126	104	111	113	129	102	130
South Cambridgeshire	170	106	103	104	90	97	103	75	89	109	93	84
Essex	1,672	1,344	1,296	1,214	1,054	1,183	1,053	937	1,100	1,151	1,126	1,121
Basildon	188	148	132	127	135	144	100	86	129	127	105	131
Braintree	193	147	128	130	113	123	100	112	105	123	125	133
Brenwood	90	75	69	75	61	60	52	51	61	61	66	61
Castle Point	117	93	101	103	86	81	82	74	67	82	104	82
Chelmsford	184	138	129	104	110	112	93	112	121	113	115	115
Colchester	180	131	135	125	103	134	118	101	130	151	130	105
Epping Forest	151	134	129	110	86	97	94	90	110	92	89	100
Harlow	77	62	56	58	49	61	58	43	58	52	48	51
Maldon	86	69	63	70	53	61	48	40	35	50	49	47
Rochford	83	61	60	60	68	58	58	57	80	80	57	56
Tendring	243	218	198	167	150	182	172	135	166	167	193	163
Uttlesford	80	68	60	42	57	51	54	57	54	47	47	77
Hertfordshire	1,190	884	929	802	716	734	748	664	731	715	751	827
Broxbourne	91	60	59	63	65	55	55	64	58	58	65	65
Dacorum	118	112	127	106	80	91	108	86	91	100	94	112
East Hertfordshire	134	84	97	83	89	90	89	77	86	67	86	97
Hertsmere	116	80	94	89	70	72	70	58	68	78	80	80
North Hertfordshire	167	122	136	100	75	97	90	88	93	82	104	100
St Albans	149	115	99	108	83	96	87	67	97	87	86	108
Stevenage	92	73	70	64	63	55	61	59	54	57	61	61
Three Rivers	95	74	75	64	68	64	60	57	65	65	59	64
Watford	91	76	78	57	38	49	52	50	48	65	60	58
Welwyn Hatfield	137	88	94	68	85	65	76	66	65	57	69	82
Norfolk	1,161	847	873	828	668	802	733	658	772	839	755	773
Breckland	204	138	166	125	113	157	122	111	125	126	115	130
Broadland	184	135	155	108	119	96	113	116	108	130	133	115
Great Yarmouth	119	86	100	108	83	74	74	96	96	97	82	90
King's Lynn and West Norfolk	206	150	122	150	94	138	133	120	155	154	134	139
North Norfolk	151	128	123	125	104	126	88	94	104	116	99	117
Norwich	128	99	87	95	93	89	89	68	88	105	88	91
South Norfolk	169	111	120	117	80	107	114	75	96	111	104	91

Suffolk		911	776	677	711	535	618	620	533	544	610	583	589
Babergh	114	101	89	98	90	66	90	82	80	72	57	80	66
Forest Heath	61	51	40	50	36	42	42	42	36	31	43	40	47
Ipswich	149	105	116	112	92	105	105	99	82	98	98	101	91
Mid Suffolk	118	90	77	95	70	80	70	75	64	58	76	72	55
St Edmundsbury	130	116	83	102	61	86	86	76	79	69	81	81	91
Suffolk Coastal	168	142	138	131	102	106	106	126	92	110	119	103	121
Waveney	171	171	134	123	103	119	119	120	100	106	133	115	118
LONDON		5,455	4,367	4,776	4,279	3,659	4,019	3,831	3,497	4,071	4,125	4,044	4,392
Inner London		1,612	1,387	1,524	1,315	1,151	1,321	1,322	1,132	1,363	1,361	1,283	1,996
Camden	98	113	102	92	91	91	91	97	60	99	103	110	104
City of London	4	2	2	3	2	2	2	2	3	1	2	5	2
Hackney	96	110	111	91	102	89	94	95	77	93	79	103	116
HammerSmith and Fulham	92	88	87	72	76	81	81	71	75	81	85	76	87
Haringey	121	96	114	106	106	112	86	96	96	119	100	100	99
Islington	105	109	111	96	87	78	82	82	82	105	89	98	89
Kensington and Chelsea	81	60	60	80	44	59	80	57	88	88	68	68	79
Lambeth	162	122	136	130	102	123	157	106	100	154	97	114	114
Lewisham	178	137	176	122	96	128	148	102	133	133	120	115	141
Newham	151	120	125	131	116	109	98	105	105	121	105	99	103
Southwark	124	116	124	97	86	130	102	102	111	130	130	120	119
Tower Hamlets	105	90	100	93	80	78	91	84	85	94	99	94	94
Wandsworth	176	124	153	123	100	127	117	104	130	135	111	141	141
Westminster	119	100	123	79	88	105	96	79	97	97	86	108	108
Outer London		3,843	2,980	3,252	2,964	2,508	2,698	2,509	2,365	2,708	2,764	2,761	2,996
Barking and Dagenham	176	131	109	109	95	94	78	80	80	103	106	123	139
Barnet	275	203	227	205	201	170	170	165	202	184	203	209	209
Bexley	213	172	218	167	137	172	171	142	181	171	180	173	173
Brent	189	143	172	138	122	147	157	118	149	149	146	163	223
Bromley	283	217	265	229	195	196	197	186	179	192	211	233	223
Croydon	306	218	229	188	197	175	175	171	254	198	199	228	228
Ealing	210	191	189	148	150	161	131	132	140	150	176	176	176
Enfield	267	174	197	133	181	162	154	154	158	167	193	191	191
Greenwich	160	130	157	110	122	145	130	141	141	130	147	147	147
Harrow	158	121	160	146	139	111	107	131	126	132	122	122	122
Havering	263	207	211	195	181	158	149	172	190	182	165	165	165
Hillingdon	205	178	194	205	148	131	143	158	168	164	161	161	161
Hounslow	166	119	122	133	116	122	105	108	133	101	143	143	143
Kingston upon Thames	118	101	101	85	87	76	65	65	111	97	92	92	92
Merton	153	111	107	94	88	84	84	84	111	115	83	104	104
Redbridge	202	168	165	180	144	144	134	147	162	152	146	169	169
Richmond upon Thames	143	124	123	98	108	92	94	86	130	103	116	116	116
Sutton	162	145	147	111	109	112	103	86	105	99	109	131	131
Waltham Forest	194	127	169	117	94	115	110	97	128	121	109	144	144
SOUTH EAST		9,605	7,156	7,137	7,027	5,978	6,462	6,118	5,482	6,490	6,358	6,317	6,896
Bracknell Forest	84	57	62	75	61	78	54	54	56	49	53	57	57
Brighton and Hove	239	194	189	183	167	155	178	157	150	168	177	172	172
Isle of Wight	179	161	156	143	137	129	127	154	145	153	138	138	138
Medway	279	209	187	193	181	165	169	174	175	200	200	200	200
Milton Keynes	193	166	159	115	121	132	114	132	142	160	150	150	150
Portsmouth	195	167	141	169	122	141	130	127	140	126	142	142	142
Reading	138	97	85	87	73	67	84	85	83	83	102	102	102
Slough	99	66	77	73	55	59	59	60	72	69	71	71	71
Southampton	203	154	178	142	131	152	165	115	148	156	145	145	145
West Berkshire	149	106	95	96	92	100	107	67	107	80	86	86	86
Windsor and Maidenhead	134	103	104	110	106	101	79	103	99	92	90	90	90
Wokingham	130	100	97	96	102	89	100	86	92	79	113	104	104
362	186	113	126	134	129	116	92	79	107	118	121	136	136
Aylesbury Vale	329	339	386	358	325	359	307	275	340	347	336	362	362
Buckinghamshire	529	429	486	452	425	459	407	375	440	447	436	462	462
Chiltern	100	55	85	70	85	65	51	49	72	70	59	57	57
South Bucks	100	73	59	57	58	50	47	42	54	54	57	57	57
Wycombe	170	106	116	85	100	100	98	112	105	99	112	112	112
East Sussex	802	585	561	569	510	502	428	525	572	514	557	557	557
Eastbourne	158	101	125	110	93	104	105	77	84	121	97	115	115
Hastings	122	103	92	99	75	71	70	68	67	100	77	84	84
Lewes	142	104	83	96	101	76	59	98	104	73	91	91	91
Rother	176	130	119	123	111	117	111	120	106	112	115	115	115
Wealden	204	147	142	141	115	140	136	132	156	141	155	152	152
Hampshire	1,414	1,129	1,100	1,099	912	1,026	1,008	836	1,008	942	1,007	1,136	1,136
Basinstoke and Deane	141	116	132	135	96	114	104	104	118	100	103	119	119
East Hampshire	114	105	108	103	70	83	94	78	94	94	92	95	95
Eastleigh	121	107	92	86	74	92	63	83	83	78	74	100	100
Farham	121	100	92	95	87	90	69	82	81	81	93	109	109
Gosport	70	65	56	56	51	50	34	68	57	52	53	53	53
Hart	168	110	116	113	104	112	85	98	90	95	129	129	129
Havant	168	110	116	113	104	112	85	98	90	95	129	129	129
New Forest	247	207	192	173	170	192	134	170	165	185	196	196	196
Rushmoor	76	57	57	57	42	60	56	38	75	50	53	53	53

115	95	80	81	81	73	78	82	83	83	98	96
140	104	104	91	91	75	83	101	101	104	104	140
91	104	94	94	94	104	104	104	104	104	104	91
137	102	102	102	102	102	102	102	102	102	102	137
77	88	79	77	77	77	77	77	77	77	77	77
134	104	104	98	83	97	77	64	79	93	88	134
188	170	170	154	138	121	113	80	129	122	102	188
82	82	82	66	66	66	66	66	66	66	66	82
135	135	135	82	82	82	82	82	82	82	82	135
166	166	166	96	96	96	96	96	96	96	96	166
166	166	166	109	109	109	109	109	109	109	109	166
146	111	111	102	102	102	102	102	102	102	102	146
133	133	133	75	75	75	75	75	75	75	75	133
103	103	103	65	65	65	65	65	65	65	65	103
1,262	934	920	914	704	875	761	675	831	834	780	922
140	96	101	95	67	80	80	75	76	85	85	140
83	56	36	32	32	57	57	43	45	45	49	58
139	103	93	88	68	97	91	65	81	81	83	100
95	77	77	77	69	62	62	64	66	66	54	72
175	138	128	137	98	87	83	118	117	119	127	175
92	66	66	76	46	65	65	45	59	59	39	75
113	81	84	71	60	76	58	89	77	74	81	113
80	68	57	73	59	45	45	59	78	78	64	80
94	62	64	71	62	42	42	69	72	72	68	94
162	120	119	71	92	88	87	109	93	103	104	162
89	67	62	69	58	54	51	60	73	63	63	89
845	845	787	659	715	670	628	741	730	727	784	845
90	72	70	55	51	66	55	59	68	55	63	90
258	207	180	188	192	166	140	175	169	170	179	258
186	132	151	122	101	110	102	113	124	111	139	186
88	61	58	63	43	68	43	53	64	62	52	88
171	126	112	94	106	85	95	92	106	103	124	171
148	118	135	125	105	106	87	110	113	112	112	148
184	129	126	121	93	103	94	96	86	114	115	184
6,427	5,122	5,305	4,693	4,183	4,441	4,381	3,834	4,526	4,647	4,324	6,427
192	150	156	125	110	127	131	106	151	141	130	181
244	179	191	173	148	153	159	136	161	184	152	163
374	295	275	245	275	245	216	290	267	259	277	374
628	611	643	490	458	499	478	403	527	482	454	515
2	0	2	3	1	3	1	3	0	1	3	0
258	236	249	199	168	202	184	155	182	189	188	217
277	224	227	188	153	192	204	173	216	200	206	277
242	168	180	147	107	129	112	127	140	142	146	242
252	211	192	185	155	171	154	168	199	162	189	252
213	151	146	122	120	127	104	183	142	142	166	213
213	139	166	133	133	124	116	128	152	146	162	213
549	373	469	414	363	357	345	315	391	378	398	549
982	816	791	748	635	748	674	657	670	713	669	729
130	91	98	81	85	71	66	85	84	91	93	130
79	72	88	63	56	64	49	65	53	77	72	79
124	104	110	111	83	105	90	88	87	74	89	124
103	94	80	84	65	69	76	56	97	69	87	103
180	150	118	121	123	118	114	114	111	121	123	180
69	70	71	72	56	71	57	68	69	60	72	69
75	59	63	50	45	45	60	46	55	38	50	75
601	445	486	459	403	427	423	328	396	437	399	416
82	62	61	60	58	54	61	60	44	53	58	82
145	105	97	108	83	82	91	73	82	101	83	145
78	60	67	76	66	50	42	56	63	53	56	78
60	45	44	54	54	39	21	44	47	37	32	60
152	107	131	124	94	114	78	100	117	110	115	152
84	66	75	56	38	64	51	54	65	63	54	84
687	568	544	501	487	484	467	408	456	544	461	476
133	102	108	96	95	76	90	95	82	107	83	92
113	92	76	68	64	70	64	53	71	90	67	72
89	77	79	73	76	92	76	69	68	78	56	64
114	97	91	99	99	103	67	78	87	86	96	90
153	123	106	96	99	80	76	88	108	100	100	153
85	77	77	65	65	67	58	46	60	75	59	64
687	568	544	501	487	484	467	408	456	544	461	476
133	102	108	96	95	76	90	95	82	107	83	92
113	92	76	68	64	70	64	53	71	90	67	72
89	77	79	73	76	92	76	69	68	78	56	64
114	97	91	99	99	103	67	78	87	86	96	90
153	123	106	96	99	80	76	88	108	100	100	153
85	77	77	65	65	67	58	46	60	75	59	64

	112	87	75	101	93	90	113	103	82	107	89	97
Somerset	713	546	535	501	467	430	508	433	467	504	467	540
Mendip	152	111	112	97	77	80	116	86	86	118	105	81
Sedgemoor	138	111	106	92	106	93	94	100	92	90	90	124
South Somerset	220	152	157	148	132	118	148	112	144	152	139	178
Taunton Deane	151	119	117	123	111	93	103	100	107	98	97	122
West Somerset	52	53	43	41	41	46	47	35	38	46	36	35
WALES	3,745	2,906	3,010	2,791	2,537	2,701	2,483	2,271	2,614	2,664	2,546	2,917
Isle of Anglesey	101	80	76	64	64	74	57	50	84	64	70	78
Gwynedd	169	152	125	116	89	108	112	98	91	139	102	142
Conwy	159	145	130	131	129	122	117	106	113	107	126	140
Denbighshire	147	96	86	106	93	94	85	70	85	93	91	100
Flintshire	168	140	128	118	115	132	124	104	124	118	114	129
Wrexham	190	119	123	121	122	101	75	94	98	98	123	113
Powys	215	124	133	132	135	112	106	106	131	124	109	133
Swansea	287	231	246	205	195	214	195	169	208	215	185	246
Neath Port Talbot	181	140	143	153	129	126	127	118	138	122	117	148
Bridgend	186	146	120	123	112	130	143	121	142	107	92	137
The Vale of Glamorgan	138	122	121	85	102	110	113	98	94	117	87	122
Cardiff	318	222	255	209	209	182	192	215	254	192	263	318
Rhondda Gynon, Taff	277	215	236	238	176	184	203	179	203	218	231	277
Merthyr Tydfil	67	54	58	51	48	49	48	44	44	55	44	41
Caerphilly	209	155	173	153	142	132	129	125	142	158	171	209
Blaenau Gwent	69	63	75	67	71	65	58	63	60	74	64	69
Torfaen	125	89	87	78	60	81	73	81	68	74	77	68
Monmouthshire	106	76	93	89	70	86	73	62	90	80	86	73
Newport	151	114	152	113	103	112	116	110	116	125	129	133

Footnotes:

1 This may include records where the place of usual residence is either missing or not yet fully coded. For this reason counts for "England and Wales" and "non-residents of

2 The deaths of those whose usual residence is outside England and Wales are included in counts for "England and Wales and Elsewhere" but excluded from any sub-division of

3 Figures remain provisional until final annual data are released.

Source: Office for National Statistics Released: 26 January 2016

Monthly provisional figures on deaths registered by area of usual residence, 2016

Area of usual residence

Area of usual residence	Jan-16 ^{1,2}	Feb-16 ¹	Mar-16 ¹	Apr-16 ¹	May-16 ¹	Jun-16 ¹	Jul-16 ¹	Aug-16 ¹	Sep-16 ¹	Oct-16 ¹	Nov-16 ¹	Dec-16 ¹
K0400001, J9:ENGLAND, WALES AND ELSEWHERE^{1,2}	47,426	45,983	48,640	46,931	41,362	41,994	38,958	40,764	40,351	40,440	46,504	45,370
K0400001 ENGLAND AND WALES	47,317	45,882	48,538	46,829	41,269	41,903	38,849	40,655	40,226	40,352	46,405	45,277
E9200001 ENGLAND	44,356	42,995	45,286	43,828	38,695	39,361	36,453	37,989	37,720	37,828	43,509	42,434
E1200001 NORTH EAST	2,554	2,491	2,515	2,459	2,164	2,255	2,106	2,118	2,119	2,124	2,414	2,502
E6000047 County Durham	569	489	526	495	436	438	426	437	421	421	493	519
E6000005 Darlington	105	112	85	92	87	92	74	77	91	85	88	86
E6000001 Hartlepool	79	97	90	91	82	87	75	74	79	85	68	93
E6000002 Middlesbrough	116	143	138	131	139	95	107	107	102	121	125	142
E6000057 Northumberland	338	352	337	330	272	298	264	275	273	280	296	335
E6000003 Redcar and Cleveland	129	132	147	142	137	137	115	108	115	127	134	124
E6000004 Stockton-on-Tees	159	176	171	191	146	169	160	128	161	143	159	161
E11000007 Tyne and Wear (Met County)	1,059	990	1,021	987	865	939	885	912	882	868	1,051	1,042
E08000037 Gateshead	195	186	188	207	133	188	184	175	173	178	203	219
E08000021 Newcastle upon Tyne	237	215	204	204	196	202	205	205	186	178	223	221
E08000022 North Tyne	207	177	188	180	175	175	145	166	165	165	219	162
E08000023 South Tyne	137	150	155	134	126	126	132	149	144	144	147	147
E08000024 Sunderland	283	262	241	222	248	225	234	209	203	203	252	293
E1200002 NORTH WEST	6,410	6,129	6,328	5,541	5,625	5,236	5,670	5,522	5,645	6,363	6,255	
E6000008 Blackburn with Darwen	102	128	114	116	98	96	89	124	100	116	135	129
E6000049 Blackpool	161	176	171	147	156	148	143	145	150	156	160	160
E6000009 Cheshire East	397	339	371	341	310	320	268	301	302	307	354	346
E6000050 Cheshire West and Chester	330	316	313	350	288	280	268	260	269	253	273	318
E6000006 Halton	113	97	108	121	89	99	92	107	101	93	123	110
E6000007 Warrington	162	179	175	163	151	162	146	130	146	162	178	166
E1000006 Cumbria	451	496	497	524	431	433	393	451	462	406	531	559
E07000026 Alledale	93	95	112	92	84	84	70	99	75	77	108	120
E07000027 Barrow-in-Furness	65	69	56	68	57	55	56	77	104	104	67	81
E07000028 Carlisle	104	98	101	114	72	104	85	91	92	92	110	111
E07000029 Copeland	38	68	69	69	74	63	58	73	71	41	67	69
E07000030 Eden	48	55	48	51	32	31	50	37	57	43	52	50
E07000031 South Lakeland	103	111	111	123	90	94	75	95	78	84	127	128
E1000001 Greater Manchester (Met County)	2,165	2,111	2,271	2,130	1,922	1,944	1,833	2,031	1,948	1,905	2,109	2,065
E08000001 Bolton	220	233	228	223	211	204	181	232	210	215	211	227
E08000002 Bury	154	165	164	149	142	138	149	165	149	151	139	123
E08000003 Manchester	330	308	349	324	299	290	271	289	264	272	297	285
E08000004 Oldham	186	190	185	179	159	151	151	201	137	164	214	186
E08000005 Rochdale	189	181	190	176	153	167	159	173	165	153	174	171
E08000006 Stockport	186	208	208	185	173	185	204	204	162	194	164	175
E08000007 Tameside	179	184	195	175	166	166	160	169	169	185	203	197
E08000009 Trafford	193	148	187	154	166	189	140	153	167	144	164	179
E08000010 Wigan	299	274	304	298	243	235	217	248	253	238	290	298
E1000017 Lancashire	1,166	1,012	1,127	1,037	940	978	921	960	936	1,034	1,111	1,116
E07000117 Burnley	90	77	82	62	54	58	58	68	58	73	80	88
E07000118 Chorley	107	86	102	87	78	102	87	84	74	94	102	103
E07000119 Fylde	95	94	98	89	80	80	85	83	87	77	95	89
E07000120 Hyndburn	85	71	74	74	67	73	66	66	66	78	63	63
E07000121 Lancaster	158	118	142	111	114	119	114	121	120	124	147	143
E07000122 Pendle	57	70	71	58	59	71	59	68	96	96	69	81
E07000123 Preston	97	98	100	128	93	105	91	100	86	90	88	102
E07000124 Ribblesdale Valley	58	43	63	40	46	48	45	47	48	48	55	63
E07000125 Rossendale	75	51	55	48	37	37	51	54	48	48	50	72
E07000126 South Ribble	88	88	104	68	83	70	76	79	80	87	100	98
E07000127 West Lancashire	100	96	112	113	107	107	75	87	94	103	129	98
E07000128 Wyre	156	120	145	120	112	123	111	118	108	116	133	116
E1000002 Mersyside (Met County)	1,363	1,275	1,442	1,399	1,170	1,157	1,078	1,163	1,113	1,219	1,393	1,286
E08000011 Knowsley	127	134	161	151	131	104	120	124	134	124	156	144
E08000012 Liverpool	392	373	432	399	373	368	316	308	308	366	403	380
E08000014 Sefton	309	282	304	328	244	264	152	240	230	273	300	273
E08000013 St Helens	163	160	188	180	146	127	287	168	166	166	185	172
E08000015 Wirral	372	326	357	341	276	269	268	287	273	290	349	317
E1200003 YORKSHIRE AND THE HUMBER	4,689	4,590	4,760	4,491	4,060	4,253	3,825	3,946	3,967	3,884	4,506	4,517
E6000011 East Riding of Yorkshire	344	360	353	334	292	289	272	280	277	315	332	380
E6000010 Kingston upon Hull, City of	255	230	217	216	183	224	186	173	185	173	234	213
E6000012 North East Lincolnshire	145	153	180	156	118	138	137	135	143	149	160	147

E06000013	North Lincolnshire	York	161	149	178	141	135	171	138	115	152	143	152	115	123	149	156
E10000023	North Yorkshire	North Yorkshire	567	571	577	587	543	515	480	498	494	487	537	581	581	581	581
E07000163	Craven		58	58	68	71	52	48	55	55	47	53	59	58	58	58	58
E07000164	Hambleton		76	96	96	72	76	77	76	77	77	75	67	67	75	75	75
E07000165	Harrogate		152	138	141	131	137	134	105	115	140	132	145	155	155	155	155
E07000166	Richmondshire		37	44	36	44	31	42	48	37	37	33	35	43	43	43	43
E07000167	Ryedale		57	37	68	59	57	46	48	45	45	38	40	52	52	52	52
E07000168	Scarborough		112	119	108	122	109	103	119	114	114	98	113	116	116	116	116
E07000169	Selby		75	73	79	64	72	66	57	52	59	58	79	73	73	73	73
E11000003	South Yorkshire (Met County)	South Yorkshire (Met County)	1,154	1,160	1,234	1,117	1,016	1,145	1,023	1,041	1,042	999	1,095	1,144	1,144	1,144	1,144
E08000016	Barnsley		210	222	242	180	176	185	172	178	170	203	217	217	217	217	217
E08000017	Doncaster		254	304	325	279	290	222	222	220	259	281	281	281	281	281	281
E08000018	Rotherham		244	325	256	212	240	224	224	231	238	199	214	228	228	228	228
E08000019	Sheffield		431	420	434	402	381	405	405	379	396	371	439	418	418	418	418
E11000006	West Yorkshire (Met County)	West Yorkshire (Met County)	1,903	1,784	1,862	1,767	1,644	1,637	1,460	1,581	1,531	1,488	1,828	1,747	1,747	1,747	1,747
E08000032	Bradford		420	417	400	384	395	358	352	355	321	342	435	388	388	388	388
E08000033	Calderdale		187	177	173	155	144	189	155	163	132	149	174	153	153	153	153
E08000034	Kirkstrees		361	330	360	326	299	304	280	324	264	284	335	336	336	336	336
E08000035	Leeds		628	573	600	579	546	531	445	496	514	500	607	576	576	576	576
E08000036	Wakefield		307	287	309	323	260	255	228	243	279	233	277	294	294	294	294
E12000004	EAST MIDLANDS	EAST MIDLANDS	3,854	3,831	4,038	3,825	3,471	3,640	3,316	3,380	3,382	3,407	3,913	3,937	3,937	3,937	3,937
E06000015	Derby	Derby	188	191	213	208	183	198	187	168	174	160	204	205	205	205	205
E06000016	Leicester	Leicester	238	216	234	214	189	205	186	189	200	190	242	226	226	226	226
E06000017	Rutland	Rutland	33	32	21	19	33	25	32	23	25	36	28	28	28	28	28
E10000007	Derbyshire	Derbyshire	731	700	724	712	640	649	583	594	653	625	727	777	777	777	777
E07000032	Amber Valley		113	116	110	109	106	96	96	96	92	85	114	114	114	114	114
E07000033	Bolsover		65	66	77	79	64	78	62	59	71	55	80	70	70	70	70
E07000034	Chesterfield		94	101	102	115	77	91	85	100	91	98	124	124	124	124	124
E07000035	Derbyshire Dales		69	81	75	76	85	46	55	65	59	76	73	73	73	73	73
E07000036	Erewash		109	95	93	104	103	69	80	100	112	84	120	120	120	120	120
E07000037	High Peak		76	72	75	60	74	67	55	85	76	85	76	76	76	76	76
E07000038	North East Derbyshire		113	89	96	86	81	87	90	77	77	78	117	123	123	123	123
E07000039	South Derbyshire		92	80	74	68	64	66	66	72	57	69	72	77	77	77	77
E10000018	Leicestershire	Leicestershire	542	496	561	567	499	528	457	485	476	467	525	509	509	509	509
E07000129	Baby		64	76	77	84	70	96	68	69	76	69	68	68	68	68	68
E07000130	Charnwood		138	113	127	128	117	127	117	133	131	126	138	133	133	133	133
E07000131	Harborough		67	65	75	74	61	66	62	55	62	52	73	71	71	71	71
E07000132	Hinkley and Bosworth		88	88	110	89	87	70	62	72	70	73	89	67	67	67	67
E07000133	Melton		43	43	40	46	41	43	40	31	32	33	47	47	47	47	47
E07000134	North West Leicestershire		92	70	77	88	80	77	57	69	68	67	78	73	73	73	73
E07000135	Oadby and Wigston		50	50	55	58	43	51	48	38	48	48	50	50	50	50	50
E10000019	Lincolnshire	Lincolnshire	660	740	731	685	642	639	598	620	602	670	715	770	770	770	770
E07000136	Boston		61	68	67	65	59	69	54	65	71	60	57	57	57	57	57
E07000137	East Lindsey		158	160	173	186	157	160	152	148	167	154	186	186	186	186	186
E07000138	Lincoln		67	76	70	72	76	66	68	52	52	69	83	101	101	101	101
E07000139	North Kesteven		93	107	91	91	94	79	75	91	78	106	91	91	91	91	91
E07000140	South Holland		84	100	89	89	77	75	66	66	77	101	106	89	89	89	89
E07000141	South Kesteven		127	131	138	106	112	102	90	120	111	112	128	156	156	156	156
E07000142	West Lindsey		70	98	89	76	85	76	76	85	72	78	90	90	90	90	90
E10000021	Northamptonshire	Northamptonshire	549	543	574	571	464	494	464	487	466	485	565	537	537	537	537
E07000151	Corby		59	53	46	52	40	45	47	47	50	57	42	46	46	46	46
E07000152	East Northamptonshire		60	73	67	77	49	58	54	52	50	57	46	46	46	46	46
E07000153	Kettering		81	75	79	69	72	68	74	65	64	72	83	83	83	83	83
E07000154	Northampton		147	139	155	176	145	128	139	131	129	159	165	165	165	165	165
E07000155	South Northamptonshire		70	64	65	61	61	55	54	57	52	71	67	67	67	67	67
E07000156	Wellingborough		63	68	80	65	58	49	58	60	70	63	61	61	61	61	61
E10000024	Nottinghamshire	Nottinghamshire	713	703	755	665	635	692	616	623	617	597	700	688	688	688	688
E07000170	Ashfield		113	112	120	108	91	95	104	90	99	90	102	102	102	102	102
E07000171	Bassetlaw		105	115	134	90	94	93	83	91	89	104	103	103	103	103	103
E07000172	Broxtowe		113	79	110	84	81	104	65	86	87	73	99	99	99	99	99
E07000174	Gedling		99	98	87	83	99	94	94	81	81	101	92	92	92	92	92
E07000174	Mansfield		77	100	107	99	102	92	94	100	100	99	97	97	97	97	97
E07000175	Newark and Sherwood		105	97	102	123	99	114	105	91	88	99	105	97	97	97	97
E07000176	Rushcliffe		101	102	90	74	88	84	94	71	75	77	90	98	98	98	98
E12000005	WEST MIDLANDS	WEST MIDLANDS	5,020	4,866	4,758	4,843	4,185	4,362	3,933	4,312	4,092	4,037	4,744	4,563	4,563	4,563	4,563
E06000019	Herefordshire, County of	Herefordshire, County of	229	199	179	191	160	175	152	165	157	151	178	165	165	165	165
E06000051	Shropshire	Shropshire	296	294	225	234	283	279	253	258	287	309	327	327	327	327	327
E06000020	Telford and Wrekin	Stoke-on-Trent	126	129	137	142											

826	777	711	691	631	711	649	696	690	622	764	743		
E1000028	Staffordshire	87	92	85	89	79	61	54	77	81	64	61	
E07000193	East Staffordshire	110	98	91	86	72	81	95	97	79	101	91	
E07000194	Lichfield	97	99	86	74	94	84	63	96	81	97	104	
E07000195	Newcastle-under-Lyme	122	132	95	113	86	136	116	92	82	117	116	
E07000196	South Staffordshire	113	97	97	71	92	77	102	82	82	127	103	
E07000197	Stafford	118	122	101	88	115	111	108	82	104	98	122	
E07000198	Staffordshire Moorlands	109	105	106	81	73	101	76	90	90	105	99	
E07000199	Tamworth	70	57	55	49	47	56	41	49	54	55	47	
E1000031	Warwickshire	484	514	490	489	431	432	369	428	429	454	439	
E07000218	North Warwickshire	68	76	65	67	50	54	64	58	53	55	63	
E07000219	Nuneaton and Bedworth	112	121	99	80	96	68	87	94	101	106	96	
E07000220	Rugby	90	83	91	74	79	91	76	90	75	92	73	
E07000221	Stafford-on-Avon	115	126	119	130	94	98	114	105	112	119	114	
E07000222	Warwick	99	108	116	104	93	101	82	87	82	109	93	
E11000055	West Midlands (Met County)	2,339	2,212	2,173	2,218	1,925	1,995	1,720	1,957	1,831	2,137	2,045	
E08000025	Birmingham	786	761	730	783	676	689	593	685	686	631	730	
E08000026	Coventry	262	252	240	234	208	192	223	199	201	199	228	
E08000027	Dudley	321	260	253	294	242	237	237	224	242	250	310	
E08000028	Sandwell	283	259	268	259	215	268	236	203	208	278	241	
E08000029	Solihull	180	189	207	182	164	142	171	135	156	183	162	
E08000030	Walsall	280	248	255	252	216	171	201	138	213	226	229	
E08000031	Wolverhampton	227	243	220	214	211	208	197	204	199	167	247	
E1000034	Worcestershire	501	508	547	545	461	483	443	482	424	401	510	
E07000234	Bromsgrove	92	112	101	97	76	78	77	91	79	105	94	
E07000235	Malvern Hills	78	86	90	95	70	86	84	85	67	71	94	
E07000236	Redditch	74	69	73	76	54	59	44	46	48	46	51	
E07000237	Worcester	74	69	76	71	71	78	62	72	48	54	73	
E07000238	Wychevon	93	109	103	125	97	95	102	92	94	86	95	
E07000239	Wyre Forest	100	86	104	92	86	94	74	79	90	109	103	
E12000066	EAST	5,134	4,802	5,099	4,981	4,607	4,507	4,167	4,459	4,295	4,255	5,058	4,736
E06000555	Bedford	143	138	116	128	96	127	88	114	121	94	123	143
E06000556	Central Bedfordshire	174	167	132	192	153	194	133	164	155	132	205	143
E06000557	Luton	128	144	132	125	104	109	119	121	109	115	153	153
E06000558	Peterborough	144	127	131	124	118	133	106	146	133	102	149	149
E06000559	Southeast-on-Sea	188	162	176	146	147	155	163	160	141	138	167	183
E06000560	Thurrock	116	117	99	110	96	95	97	80	99	114	119	107
E10000303	Cambridgeshire	474	450	469	483	448	442	397	407	408	372	497	422
E07000088	Cambridge	76	78	71	82	72	65	70	75	66	51	75	62
E07000089	East Cambridgeshire	71	68	62	63	62	52	49	49	84	64	60	62
E07000090	Fenland	98	94	97	115	103	97	76	88	84	86	109	80
E07000091	Huntingdonshire	123	130	122	128	113	114	94	118	105	132	126	126
E07000092	South Cambridgeshire	106	96	109	82	105	85	101	91	78	117	94	94
E10000312	Essex	1,298	1,265	1,318	1,280	1,246	1,167	1,123	1,084	1,080	1,065	1,247	1,092
E07000066	Basildon	157	125	122	150	144	132	128	138	140	115	124	124
E07000067	Braintree	124	133	126	132	125	111	95	106	102	110	142	111
E07000068	Brentwood	61	61	64	66	69	76	64	60	62	62	59	59
E07000069	Castle Point	101	98	108	94	82	66	79	70	73	86	90	95
E07000070	Chelmsford	124	132	126	121	123	111	110	113	103	163	107	107
E07000071	Colchester	164	155	148	147	131	124	113	137	113	122	123	123
E07000072	Epping Forest	105	121	125	108	106	94	106	87	88	95	85	85
E07000073	Harlow	68	62	67	77	59	59	50	57	50	70	44	44
E07000074	Maldon	49	59	60	65	60	62	49	60	60	52	41	47
E07000075	Rochford	64	73	84	69	77	63	52	66	64	77	73	73
E07000076	Tandring	221	185	211	184	186	167	169	144	173	191	161	161
E07000077	Uttlesford	60	61	77	66	72	54	58	48	46	82	63	63
E10000315	Hertfordshire	867	725	892	823	759	709	677	766	672	754	869	819
E07000095	Broxbourne	83	54	76	65	60	52	59	47	46	59	69	68
E07000096	Dacorum	116	96	107	101	105	88	88	107	120	110	103	103
E07000097	East Hertfordshire	93	82	121	89	84	82	76	77	83	93	86	86
E07000098	Hertsmere	88	62	76	91	59	72	58	87	64	73	70	69
E07000099	North Hertfordshire	105	93	118	101	110	86	107	93	89	113	108	108
E07000240	St Albans	101	58	98	91	90	82	81	74	89	108	107	107
E07000243	Stevenage	67	61	72	67	45	56	66	66	40	67	63	63
E07000102	Three Rivers	73	66	67	74	54	55	54	66	55	67	74	68
E07000103	Watford	52	64	68	59	53	57	51	52	44	68	74	74
E07000241	Welwyn Hatfield	89	89	89	85	81	65	71	91	63	69	97	73
E10000320	Norfolk	920	841	873	918	827	769	709	816	802	750	871	799
E07000143	Breckland	150	148	142	136	119	113	132	127	121	126	122	122
E07000144	Broadland	144	120	130	139	124	95	119	119	121	96	142	145
E07000145	Great Yarmouth	112	88	108	109	106	91	91	86	91	80	112	99
E07000146	King's Lynn and West Norfolk	164	155	148	148	148	135	115	141	145	137	150	147
E07000147	North Norfolk	139	113	140	132	115	111	104	125	116	109	120	109
E07000148	Norwich	98	103	98	99	81	88	88	87	84	91	90	84
E07000149	South Norfolk	113	114	109	132	93	108	103	126	118	111	127	93

E07000092	Rushmoor	67	65	65	63
E07000093	Test Valley	117	90	92	95
E07000094	Winchester	83	50	104	95
E10000016	Kent	1,311	1,269	1,380	1,373
E07000105	Ashford	101	96	102	108
E07000106	Canterbury	147	135	167	144
E07000107	Dartford	80	72	85	89
E07000108	Dover	107	112	121	133
E07000109	Gravesham	84	78	83	87
E07000110	Maldstone	128	144	137	144
E07000111	Sevenoaks	89	85	88	90
E07000112	Shepway	128	102	114	126
E07000114	Swale	108	119	133	117
E07000115	Tonbridge and Malling	151	174	157	170
E07000116	Tunbridge Wells	92	74	99	96
E10000025	Oxfordshire	478	490	484	519
E07000177	Cherwell	102	105	112	118
E07000178	Oxford	88	99	83	74
E07000179	South Oxfordshire	98	110	102	115
E07000180	Vale of White Horse	105	84	99	93
E07000181	West Oxfordshire	85	92	98	86
E10000030	Surrey	906	852	906	953
E07000207	Elmbridge	104	79	96	92
E07000208	Epsom and Ewell	52	61	58	43
E07000209	Guildford	97	98	91	106
E07000210	Mole Valley	82	65	74	58
E07000211	Reigate and Banstead	120	128	136	110
E07000212	Runnymede	66	52	76	60
E07000213	Spelthorne	74	60	78	75
E07000214	Surrey Heath	59	69	58	74
E07000215	Tandridge	78	62	71	66
E07000216	Waverley	108	107	95	92
E07000217	Woking	66	71	73	78
E10000032	West Sussex	824	801	838	774
E07000223	Adur	56	55	64	71
E07000224	Arun	59	50	54	69
E07000225	Chichester	130	114	119	106
E07000226	Crawley	55	65	61	65
E07000227	Horsham	100	119	112	93
E07000228	Mid Sussex	133	135	126	77
E07000229	Worthing	126	106	145	118
E12000009	SOUTH WEST	5,113	5,007	5,407	5,235
E06000022	Bath and North Somerset	159	138	176	144
E06000028	Bournemouth	166	176	193	171
E06000023	Bristol, City of	311	317	309	264
E06000052	Cornwall	522	571	560	504
E06000053	Isles of Scilly	3	4	1	0
E06000024	North Somerset	215	208	222	271
E06000026	Plymouth	216	211	246	209
E06000029	Poole	126	168	144	167
E06000025	South Gloucestershire	190	199	214	201
E06000030	Swindon	165	170	167	153
E06000027	Torbay	182	165	180	133
E06000054	Wiltshire	412	413	427	372
E10000008	Devon	846	773	858	800
E07000040	East Devon	174	180	187	154
E07000041	Exeter	106	95	113	106
E07000042	Mid Devon	76	75	78	62
E07000043	North Devon	94	90	104	109
E07000044	South Hams	87	92	94	78
E07000045	Teignbridge	159	120	136	144
E07000046	Torridge	78	60	84	68
E07000047	West Devon	72	61	68	46
E10000009	Dorset	486	455	497	507
E07000048	Christchurch	69	53	56	44
E07000049	East Dorset	111	92	119	97
E07000050	North Dorset	69	63	56	73
E07000051	Purbeck	52	38	47	30
E07000052	West Dorset	122	143	145	91
E07000053	Weymouth and Portland	63	66	67	73
E10000013	Gloucestershire	573	514	627	597
E07000078	Cheltenham	105	92	112	111
E07000079	Cotswold	81	67	96	82
E07000080	Forest of Dean	100	77	100	72
E07000081	Gloucester	98	90	111	104
E10000013	Gloucestershire	573	514	627	597
E07000082	Forest of Dean	100	77	100	72
E07000079	Cotswold	81	67	96	82
E07000078	Cheltenham	105	92	112	111
E10000013	Gloucestershire	573	514	627	597
E07000053	Weymouth and Portland	63	66	67	73
E07000052	West Dorset	122	143	145	91
E07000051	Purbeck	52	38	47	30
E07000050	North Dorset	69	63	56	73
E07000049	East Dorset	111	92	119	97
E07000048	Christchurch	69	53	56	44
E10000009	Dorset	486	455	497	507
E07000047	West Devon	72	61	68	46
E07000046	Torridge	78	60	84	68
E07000045	Taignbridge	159	120	136	144
E07000044	South Hams	87	92	94	78
E07000043	North Devon	94	90	104	109
E07000042	Mid Devon	76	75	78	62
E07000041	Exeter	106	95	113	106
E07000040	East Devon	174	180	187	154
E10000008	Devon	846	773	858	800
E07000040	East Devon	174	180	187	154
E07000041	Exeter	106	95	113	106
E07000042	Mid Devon	76	75	78	62
E07000043	North Devon	94	90	104	109
E07000044	South Hams	87	92	94	78
E07000045	Taignbridge	159	120	136	144
E07000046	Torridge	78	60	84	68
E07000047	West Devon	72	61	68	46
E10000009	Dorset	486	455	497	507
E07000048	Christchurch	69	53	56	44
E07000049	East Dorset	111	92	119	97
E07000050	North Dorset	69	63	56	73
E07000051	Purbeck	52	38	47	30
E07000052	West Dorset	122	143	145	91
E07000053	Weymouth and Portland	63	66	67	73
E10000013	Gloucestershire	573	514	627	597
E07000078	Cheltenham	105	92	112	111
E07000079	Cotswold	81	67	96	82
E07000080	Forest of Dean	100	77	100	72
E07000081	Gloucester	98	90	111	104
E10000013	Gloucestershire	573	514	627	597
E07000053	Weymouth and Portland	63	66	67	73
E07000052	West Dorset	122	143	145	91
E07000051	Purbeck	52	38	47	30
E07000050	North Dorset	69	63	56	73
E07000049	East Dorset	111	92	119	97
E07000048	Christchurch	69	53	56	44
E10000009	Dorset	486	455	497	507
E07000047	West Devon	72	61	68	46
E07000046	Torridge	78	60	84	68
E07000045	Taignbridge	159	120	136	144
E07000044	South Hams	87	92	94	78
E07000043	North Devon	94	90	104	109
E07000042	Mid Devon	76	75	78	62
E07000041	Exeter	106	95	113	106
E07000040	East Devon	174	180	187	154
E10000008	Devon	846	773	858	800
E07000040	East Devon	174	180	187	154
E07000041	Exeter	106	95	113	106
E07000042	Mid Devon	76	75	78	62
E07000043	North Devon	94	90	104	109
E07000044	South Hams	87	92	94	78
E07000045	Taignbridge	159	120	136	144
E07000046	Torridge	78	60	84	68
E07000047	West Devon	72	61	68	46
E10000009	Dorset	486	455	497	507
E07000048	Christchurch	69	53	56	44
E07000049	East Dorset	111	92	119	97
E07000050	North Dorset	69	63	56	73
E07000051	Purbeck	52	38	47	30
E07000052	West Dorset	122	143	145	91
E07000053	Weymouth and Portland	63	66	67	73
E10000013	Gloucestershire	573	514	627	597
E07000078	Cheltenham	105	92	112	111
E07000079	Cotswold	81	67	96	82
E07000080	Forest of Dean	100	77	100	72
E07000081	Gloucester	98	90	111	104
E10000013	Gloucestershire	573	514	627	597
E07000053	Weymouth and Portland	63	66	67	73
E07000052	West Dorset	122	143	145	91
E07000051	Purbeck	52	38	47	30
E07000050	North Dorset	69	63	56	73
E07000049	East Dorset	111	92	119	97
E07000048	Christchurch	69	53	56	44
E10000009	Dorset	486	455	497	507
E07000047	West Devon	72	61	68	46
E07000046	Torridge	78	60	84	68
E07000045	Taignbridge	159	120	136	144
E07000044	South Hams	87	92	94	78
E07000043	North Devon	94	90	104	109
E07000042	Mid Devon	76	75	78	62
E07000041	Exeter	106	95	113	106
E07000040	East Devon	174	180	187	154
E10000008	Devon	846	773	858	800
E07000040	East Devon	174	180	187	154
E07000041	Exeter	106	95	113	106
E07000042	Mid Devon	76	75	78	62
E07000043	North Devon	94	90	104	109
E07000044	South Hams	87	92	94	78
E07000045	Taignbridge	159	120	136	144
E07000046	Torridge	78	60	84	68
E07000047	West Devon	72	61	68	46
E10000009	Dorset	486	455	497	507
E07000048	Christchurch	69	53	56	44
E07000049	East Dorset	111	92	119	97
E07000050	North Dorset	69	63	56	73
E07000051	Purbeck	52	38	47	30
E07000052	West Dorset	122	143	145	91
E07000053	Weymouth and Portland	63	66	67	73
E10000013	Gloucestershire	573	514	627	597
E07000078	Cheltenham	105	92	112	111
E07000079	Cotswold	81	67	96	82
E07000080	Forest of Dean	100	77	100	72
E07000081	Gloucester	98	90	111	104
E10000013	Gloucestershire	573	514	627	597
E07000053	Weymouth and Portland	63	66	67	73
E07000052	West Dorset	122	143	145	91
E07000051	Purbeck	52	38	47	30
E07000050	North Dorset	69	63	56	73
E07000049	East Dorset	111	92	119	97
E07000048	Christchurch	69	53	56	44
E10000009	Dorset	486	455	497	507
E07000047	West Devon	72	61	68	46
E07000046	Torridge	78	60	84	68
E07000045	Taignbridge	159	120	136	144
E07000044	South Hams	87	92	94	78
E07000043	North Devon	94	90	104	109
E07000042	Mid Devon	76	75	78	62
E07000041	Exeter	106	95	113	106
E07000040	East Devon	174	180	187	154
E10000008	Devon	846	773	858	800
E07000040	East Devon	174	180	187	154
E07000041	Exeter	106	95	113	106
E07000042	Mid Devon	76	75	78	62
E070000					

	106	97	101	101	101	91	91	101	109	117	87	95	84
W06000001 Isle of Anglesey	82	65	69	73	61	68	62	72	62	62	60	87	60
W06000003 Gwynedd	107	110	123	126	110	104	92	110	110	119	93	104	120
W06000004 Denbighshire	120	102	122	107	106	88	99	100	99	100	88	118	114
W06000005 Flintshire	136	139	132	112	140	113	114	128	106	106	117	135	141
W06000006 Wrexham	122	125	138	141	102	93	116	131	131	124	127	117	117
W06000007 Powys	124	146	144	142	119	150	117	105	123	134	121	135	135
W06000008 Ceredigion	76	65	59	55	64	54	63	55	55	57	77	87	87
W06000009 Pembrokeshire	123	126	146	138	121	102	97	102	102	116	133	128	128
W06000010 Carmarthenshire	201	202	227	191	179	173	190	141	190	168	179	186	186
W06000011 Swansea	244	210	287	257	226	198	208	203	208	182	228	235	235
W06000012 Neath Port Talbot	156	143	169	156	105	120	107	135	150	141	165	143	143
W06000013 Bridgend	138	134	139	134	112	134	118	133	123	121	140	116	116
W06000014 Vale of Glamorgan	127	104	141	119	114	87	102	96	102	114	89	126	126
W06000015 Cardiff	235	248	299	235	222	243	222	233	233	218	241	212	212
W06000016 Rhondda Cynon Taff	231	223	240	221	190	202	178	190	191	193	221	204	204
W06000024 Merthyr Tydfil	49	64	62	69	48	49	47	49	49	35	43	59	59
W06000018 Caerphilly	166	164	176	166	131	118	118	165	138	141	162	152	152
W06000019 Blaenau Gwent	76	58	87	59	56	57	63	63	76	65	74	68	68
W06000020 Torfaen	82	99	101	96	67	64	82	80	80	73	84	85	85
W06000021 Monmouthshire	75	80	108	81	74	66	82	75	87	90	81	83	83
W06000022 Newport	126	158	153	133	113	110	102	114	114	102	121	126	126
Non-residents of England & Wales	106	97	101	101	101	91	91	101	109	117	87	95	84
W92000004 WALES	2,961	2,887	3,252	3,001	2,574	2,542	2,396	2,666	2,506	2,524	2,896	2,842	
E07000191 West Somerset	53	38	57	58	39	45	27	36	33	42	43	38	38
E07000190 Taunton Deane	120	126	138	99	110	108	98	92	92	89	126	135	135
E07000189 South Somerset	167	161	167	140	137	163	145	149	142	152	164	163	163
E07000188 Sedgemoor	103	123	121	99	86	107	107	107	92	97	97	100	100
E07000187 Mendip	98	107	106	92	77	78	93	93	91	83	90	107	107
Somerset	541	525	591	510	484	479	455	477	450	463	520	543	
E07000082 Stroud	100	112	127	120	101	94	107	81	97	122	124	119	119
E07000083 Tewkesbury	89	76	81	67	80	67	63	77	86	77	69	80	80

Footnotes:

1 This may include records where the place of usual residence is either missing or not yet fully coded. For this reason counts for "England and Wales", and "non-residents of England and Wales" may not sum to "England, Wales and elsewhere".

2 The deaths of those whose usual residence is outside England and Wales are included in counts for "England Wales and elsewhere" but excluded from any sub-division of England and Wales.

3 Figures remain provisional until final annual data are released.

Source: Office for National Statistics
Released: 24 January 2017

SHEET A4 - Calculation of Peak Month												
Source - ONS Death Rates for England (see Sheet A3)												
A4.1	Number of Deaths in Each Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	57031	43708	44794	42278	36699	39276	37898	33802	38870	39444	38872	42483
2014	45929	38566	38573	38729	36880	36058	38512	33640	38339	40201	36967	46481
2013	49492	41002	41915	46352	39475	33503	37260	33322	34350	39585	37322	39974
2012	43882	41861	41299	38928	41087	34303	36657	36435	32934	40394	39330	39669
2011	46835	36733	41342	34521	37437	37398	33275	35924	35893	34740	38020	40744
Mean	48634	40374	41585	40162	38316	36108	36720	34625	36077	38873	38102	41870
A4.2	Percentage of Mean Deaths Occurring in Each Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	10.32	8.56	8.82	8.52	8.13	7.66	7.79	7.34	7.65	8.25	8.08	8.88
Year Total	495155	42483	42788	36699	39276	37898	33802	33640	38870	39444	38872	42483
468875	46481	36967	38573	38729	36880	36058	38512	33640	38339	40201	36967	46481
473352	39974	37322	41915	46352	39475	33503	37260	33322	34350	39585	37322	39974
466779	39669	39330	41299	38928	41087	34303	36657	36435	32934	40394	39330	39669
452862	40744	38020	41342	34521	37437	37398	33275	35924	35893	34740	38020	40744

Components of change (mid-year to mid-year), total and expectation of life at birth based on the mortality

	2014	2015	2016	2017	2018
Population at start	54,317	54,780	55,219	55,640	56,061
Births	662	670	677	683	466
Deaths	498	465	466	466	217
Natural change	165	205	212	217	494
International migration inflows	585	521	499	494	100
Crossborder migration inflows	100	100	101	100	284
International migration outflows	280	281	283	284	106
Crossborder migration outflows	106	106	106	216	210
Net international migration	305	240	216	210	204
Net crossborder migration	-6	-6	-6	-6	421
Net migration	298	233	210	204	421
Total change	463	439	422	421	56,061
Population at end	54,780	55,219	55,640	56,061	
Annual growth rate	0.85%	0.80%	0.76%	0.76%	
Total fertility rate (TFR)	1.82	1.83	1.84	1.85	
EOLB Males	79.2	80.1	80.3	80.6	
EOLB Females	82.7	83.6	83.8	84.0	

Projected populations at mid-years by age last birth

Agnes	2014	2015	2016	2017	2018
Thousands					
0-14	9,676	9,773	9,887	10,016	10,138
15-29	10,556	10,598	10,585	10,550	10,501
30-44	10,811	10,822	10,831	10,893	10,993
45-59	10,822	10,968	11,109	11,205	11,248
60-74	8,077	8,183	8,334	8,470	8,586
75 & over	4,375	4,428	4,481	4,568	4,696
All ages	54,317	54,780	55,219	55,640	56,061
Percentages					
0-14	17.8	17.8	17.9	18.0	18.1
15-29	19.4	19.3	19.2	19.0	18.7
30-44	19.9	19.8	19.6	19.5	19.4
45-59	19.9	20.0	20.1	20.1	20.1
60-74	14.9	14.9	15.1	15.2	15.3
75 & over	8.1	8.1	8.1	8.2	8.4
All ages	100.0	100.0	100.0	100.0	100.0
Mean age	40.2	40.2	40.4	40.5	40.6
Median age	39.7	39.7	39.8	39.8	39.8

Children, working age population, pensionable age p

	2014	2015	2016	2017	2018
Thousands					
Children	10,304	10,385	10,485	10,601	10,736
Working age	33,633	33,999	34,328	34,678	35,001
Pension age	10,380	10,397	10,406	10,361	10,325
16-64**	34,475	34,842	34,976	35,079	35,079
65 & over**	9,538	9,710	9,891	10,063	10,246
Percentages					
Children	19.0	19.0	19.0	19.1	19.2
Working age	61.9	62.1	62.2	62.3	62.4
Pension age	19.1	19.0	18.8	18.6	18.4
Dependents per 1,000 persons of working age	306	305	305	306	307
Children	306	305	305	306	307
Pension age	309	306	303	299	295
Total	615	611	609	604	602

Note: Figures may not add exactly due to rounding.

* Children under 16. Working age and pensionable age populations based on state pension age Between 2012 and 2018, SPA will change from 65 years for men and 61 years for women, to 65 Then between 2019 and 2020, SPA will change from 65 years to 66 years for both men and women Between 2026 and 2027 SPA will increase to 67 years and between 2044 and 2046 to 68 years for ** This is consistent with the age-group definitions used in ONS Labour Market Statistics.

(SPA) for given year.
 Years for both sexes.
 en.
 r both sexes. This is based on SPA under the 2014 Pensions Act.

Year	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
10,241	10,333	10,397	10,448	10,477	10,508	10,526	10,528	10,512	10,516	10,535	10,557	10,572	10,572	10,572
10,465	10,420	10,378	10,362	10,387	10,406	10,458	10,523	10,605	10,683	10,751	10,833	10,937	10,937	10,937
10,979	11,089	11,231	11,373	11,488	11,575	11,594	11,594	11,617	11,622	11,625	11,590	11,541	11,541	11,541
11,246	11,219	11,152	11,051	10,945	10,873	10,826	10,783	10,736	10,703	10,665	10,644	10,648	10,648	10,648
8,686	8,804	8,938	8,961	9,053	9,195	9,360	9,534	9,712	9,867	10,019	10,155	10,291	10,291	10,291
4,849	4,997	5,152	5,439	5,668	5,857	6,025	6,174	6,311	6,454	6,594	6,724	6,864	6,864	6,864
56,466	56,862	57,248	57,634	58,017	58,396	58,769	59,135	59,493	59,844	60,188	60,524	60,853	60,853	60,853
0.72%	0.70%	0.68%	0.67%	0.67%	0.65%	0.64%	0.62%	0.61%	0.59%	0.57%	0.56%	0.54%	0.54%	0.54%
84.2	84.4	84.5	84.7	84.9	85.1	85.2	85.4	85.6	85.7	85.9	86.0	86.2	86.2	86.2
80.8	81.1	81.3	81.5	81.7	81.9	82.1	82.3	82.5	82.7	82.9	83.0	83.2	83.2	83.2
1.86	1.86	1.87	1.88	1.88	1.89	1.89	1.89	1.89	1.89	1.89	1.90	1.90	1.90	1.90
405	396	386	385	383	379	373	366	358	351	344	336	329	329	329
185	175	165	165	165	164	164	164	164	164	164	164	164	164	164
-6	-6	-6	-6	-6	-6	-6	-7	-7	-7	-7	-7	-7	-7	-7
191	181	170	170	170	170	170	170	170	170	170	170	170	170	170
106	106	105	105	105	105	105	105	105	105	106	106	106	106	106
285	287	288	288	288	288	288	288	288	288	288	288	288	288	288
100	100	99	99	99	98	98	98	98	99	99	99	99	99	99
476	467	458	458	458	458	458	458	458	458	458	458	458	458	458
220	221	221	221	219	215	209	202	195	187	180	172	165	165	165
56,061	56,466	56,862	57,248	57,634	58,017	58,396	58,769	59,135	59,493	59,844	60,188	60,524	60,524	60,524
687	690	692	694	695	693	691	689	688	687	686	686	686	686	686
468	469	471	473	476	480	484	489	495	500	507	514	521	521	521
-2019	-2020	-2021	-2022	-2023	-2024	-2025	-2026	-2027	-2028	-2029	-2030	-2031	-2031	-2031
2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2030	2030
18.1	18.2	18.2	18.1	18.1	18.0	17.9	17.8	17.8	17.9	17.7	17.6	17.5	17.4	17.4
18.5	18.3	18.1	18.0	17.9	17.8	17.8	17.8	17.8	17.9	17.8	17.9	17.9	18.0	18.0
19.4	19.6	19.6	19.7	19.8	19.8	19.7	19.7	19.5	19.4	19.3	19.3	19.1	19.0	19.0
19.9	19.7	19.5	19.2	18.9	18.6	18.4	18.2	18.0	17.9	17.9	17.7	17.6	17.5	17.4
15.4	15.5	15.6	15.5	15.6	15.7	15.9	16.1	16.3	16.5	16.5	16.6	16.8	16.9	16.9
8.6	8.8	9.0	9.4	9.8	10.0	10.3	10.4	10.6	10.8	10.8	11.0	11.1	11.3	11.3
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
40.7	40.9	41.0	41.1	41.3	41.4	41.5	41.7	41.8	42.0	42.1	42.2	42.4	42.4	41.6
39.9	40.1	40.2	40.3	40.5	40.6	40.7	40.9	41.0	41.1	41.3	41.4	41.6	41.6	41.6
2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2031	2031
10,859	10,964	11,057	11,124	11,176	11,204	11,233	11,250	11,250	11,233	11,235	11,235	11,276	11,276	11,276
35,405	35,804	35,977	36,104	36,228	36,355	36,465	36,574	36,674	37,112	37,464	37,536	37,602	37,602	37,602
10,202	10,095	10,214	10,406	10,613	10,838	11,071	11,211	11,132	11,147	11,147	11,147	11,976	11,976	11,976
35,177	35,290	35,388	35,496	35,598	35,712	35,809	35,892	35,966	36,042	36,084	36,104	36,125	36,125	36,125
18.1	18.2	18.2	18.1	18.0	17.9	17.8	17.8	17.8	17.9	18.7	18.6	18.5	18.5	18.5
19.2	19.3	19.3	19.3	19.3	19.2	19.1	19.0	18.9	18.8	18.7	18.6	18.5	18.5	18.5
62.7	62.0	62.8	62.6	62.4	62.3	62.0	62.0	62.4	62.6	62.4	62.4	62.1	62.1	62.1
18.1	18.1	17.8	18.1	18.3	18.6	18.8	19.0	18.7	18.6	18.6	19.0	19.7	19.7	19.7
307	306	307	308	308	308	308	307	303	300	298	299	300	300	300
288	282	284	288	293	298	304	306	307	307	304	304	311	311	311
595	588	591	596	601	606	612	612	603	597	603	611	618	618	618

2014-based
 Principal projection

2031	60,853	61,175	86.3	0.53%	61,175	86.3	0.53%	10,581	11,061	11,411	10,709	10,430	10,385	7,014	61,175	17.3	18.1	18.2	18.4	17.2	17.1	17.0	16.6	16.4	16.9	17.0	17.4	17.0	11.5	100.0	42.5	41.8	2032
2032	37,628	37,628	11,881	11,411	11,364	11,314	11,259	11,204	11,183	11,173	11,183	11,180	11,183	11,180	7,341	61,491	18.8	18.4	18.2	18.3	17.1	18.2	17.6	18.2	18.0	18.0	17.9	17.9	14.1	100.0	43.6	42.7	2033
2033	11,291	11,301	11,308	11,314	11,320	11,329	11,340	11,349	11,355	11,376	11,403	11,437	11,478	11,524	8,886	64,421	18.1	18.3	18.3	18.3	17.1	18.3	18.1	18.0	18.0	18.0	17.9	18.0	14.2	100.0	43.6	42.7	2034
2034	36,155	36,203	13,986	13,986	14,236	14,459	14,691	14,922	15,055	15,183	15,293	15,385	15,459	15,538	8,700	63,854	18.5	18.3	18.1	18.0	17.1	18.1	18.2	18.0	18.0	17.9	17.9	17.8	14.1	100.0	42.7	42.7	2042
2035	300	300	300	300	300	300	300	300	300	300	300	300	300	300	9,219	64,702	18.5	18.5	18.5	18.5	16.7	18.5	18.5	18.5	18.5	18.5	18.5	18.5	14.2	100.0	42.6	42.6	2043
2036	11,291	11,301	11,308	11,314	11,320	11,329	11,340	11,349	11,355	11,376	11,403	11,437	11,478	11,524	9,219	64,702	17.3	18.1	18.2	18.3	17.0	18.3	18.2	18.0	18.0	17.9	17.8	17.7	14.2	100.0	43.6	42.6	2044
2037	36,155	36,203	13,986	13,986	14,236	14,459	14,691	14,922	15,055	15,183	15,293	15,385	15,459	15,538	8,700	63,854	16.7	16.8	16.8	16.9	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	100.0	43.6	42.7	2042
2038	300	300	300	300	300	300	300	300	300	300	300	300	300	300	9,219	64,702	16.7	16.8	16.8	16.9	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	100.0	43.6	42.7	2043
2039	11,291	11,301	11,308	11,314	11,320	11,329	11,340	11,349	11,355	11,376	11,403	11,437	11,478	11,524	9,219	64,702	16.7	16.8	16.8	16.9	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	100.0	43.6	42.7	2044
2040	37,628	37,628	11,881	11,411	11,364	11,314	11,259	11,204	11,183	11,173	11,183	11,180	11,183	11,180	7,341	61,491	16.7	16.8	16.8	16.9	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	100.0	43.6	42.7	2042
2041	300	300	300	300	300	300	300	300	300	300	300	300	300	300	9,219	64,702	16.7	16.8	16.8	16.9	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	100.0	43.6	42.7	2043
2042	36,155	36,203	13,986	13,986	14,236	14,459	14,691	14,922	15,055	15,183	15,293	15,385	15,459	15,538	8,700	63,854	16.7	16.8	16.8	16.9	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	100.0	43.6	42.7	2044
2043	300	300	300	300	300	300	300	300	300	300	300	300	300	300	9,219	64,702	16.7	16.8	16.8	16.9	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	100.0	43.6	42.7	2043
2044	11,291	11,301	11,308	11,314	11,320	11,329	11,340	11,349	11,355	11,376	11,403	11,437	11,478	11,524	9,219	64,702	16.7	16.8	16.8	16.9	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	100.0	43.6	42.7	2044

2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057
64,702	64,981	65,259	65,534	65,806	66,076	66,342	66,605	66,864	67,120	67,373	67,622	67,869	68,113
737	741	743	745	747	749	751	753	755	757	759	761	763	765
622	627	632	637	642	646	651	655	659	663	667	671	675	679
115	113	111	108	105	102	98	95	92	88	85	83	80	
458	458	458	458	458	458	458	458	458	458	458	458	458	458
101	101	101	101	101	101	101	101	101	101	101	101	101	101
288	288	288	288	288	288	288	288	288	288	288	288	288	288
107	107	107	107	107	107	107	107	107	107	107	107	107	107
170	170	170	170	170	170	170	170	170	170	170	170	170	170
-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
164	164	164	164	164	164	164	164	164	164	164	164	164	164
279	277	275	272	269	266	263	259	256	253	250	247	244	
64,981	65,259	65,534	65,806	66,076	66,342	66,605	66,864	67,120	67,373	67,622	67,869	68,113	
0.43%	0.43%	0.42%	0.42%	0.41%	0.40%	0.40%	0.39%	0.38%	0.38%	0.37%	0.36%		
1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
85.0	85.2	85.3	85.4	85.5	85.7	85.8	85.9	86.0	86.1	86.3	86.4	86.5	
87.8	87.9	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.1	89.2	
2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057
11,575	11,630	11,687	11,746	11,805	11,864	11,921	11,975	12,026	12,073	12,116	12,154	12,188	12,218
39,390	39,769	39,855	39,974	40,064	40,160	40,258	40,353	40,454	40,548	40,651	40,738	40,833	40,933
14,015	13,859	13,961	14,087	14,207	14,318	14,426	14,526	14,640	14,751	14,856	14,977	15,093	
37,608	37,695	37,786	37,876	37,972	38,051	38,132	38,219	38,290	38,367	38,436	38,491	38,561	
17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
60.6	60.9	60.9	60.7	60.6	60.5	60.4	60.4	60.3	60.2	60.1	60.0	59.9	
21.6	21.2	21.3	21.4	21.5	21.6	21.7	21.7	21.8	21.9	22.0	22.1	22.2	
294	292	293	294	295	295	296	297	297	298	298	298	298	298
356	348	350	352	355	357	358	360	362	364	365	368	370	
650	641	643	646	649	652	654	657	659	662	663	666	668	

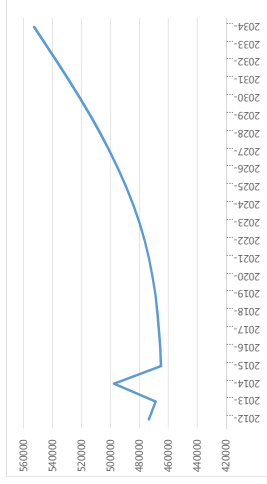
2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070
68,113	68,356	68,597	68,837	69,077	69,317	69,558	69,801	70,046	70,293	70,544	70,797	71,054	71,314
754	754	756	757	757	758	759	761	763	765	767	770	773	776
676	676	680	681	682	682	683	683	682	682	681	681	680	680
78	77	76	76	76	76	77	78	81	83	86	89	92	96
458	458	458	458	458	458	458	458	458	458	458	458	458	458
101	101	101	101	101	101	101	101	101	101	101	101	101	102
288	288	288	288	288	288	288	288	288	288	288	288	288	288
107	107	107	107	107	107	107	107	107	107	107	107	108	108
170	170	170	170	170	170	170	170	170	170	170	170	170	170
-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
164	164	164	164	164	164	164	164	164	164	164	164	164	164
243	241	240	240	240	240	241	243	245	247	250	253	257	260
0.36%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.36%	0.36%	0.36%	0.37%
89.3	89.4	89.5	89.6	89.7	89.8	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.6
2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070
11,455	11,476	11,495	11,512	11,527	11,541	11,556	11,571	11,588	11,605	11,625	11,646	11,670	11,696
12,468	12,488	12,510	12,526	12,541	12,549	12,554	12,554	12,554	12,554	12,572	12,588	12,611	12,634
11,801	11,849	11,900	11,955	12,012	12,069	12,127	12,183	12,236	12,287	12,333	12,375	12,413	12,456
10,346	10,418	10,506	10,594	10,678	10,782	10,882	10,996	11,129	11,252	11,361	11,472	11,565	11,670
10,839	10,848	10,824	10,784	10,735	10,679	10,643	10,608	10,583	10,582	10,619	10,651	10,712	10,776
11,447	11,518	11,602	11,706	11,829	11,946	12,047	12,139	12,205	12,257	12,288	12,322	12,343	12,368
16.8	16.7	16.7	16.7	16.6	16.6	16.6	16.5	16.5	16.5	16.4	16.4	16.4	16.4
17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
18.2	18.2	18.2	18.1	18.1	18.0	18.0	17.9	17.9	17.8	17.8	17.8	17.7	17.7
16.7	16.8	16.9	16.9	17.1	17.2	17.3	17.3	17.4	17.4	17.4	17.4	17.3	17.3
15.9	15.8	15.7	15.6	15.5	15.4	15.2	15.1	15.1	15.0	15.0	15.0	15.0	15.0
15.1	15.2	15.3	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.2
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
44.3	44.3	44.4	44.4	44.4	44.5	44.5	44.6	44.6	44.6	44.7	44.7	44.8	44.8
43.1	43.1	43.2	43.2	43.3	43.3	43.4	43.5	43.5	43.6	43.6	43.7	43.8	43.8
2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2070
12,217	12,243	12,265	12,285	12,303	12,320	12,336	12,352	12,370	12,388	12,409	12,431	12,456	12,481
40,919	40,991	41,077	41,182	41,289	41,417	41,547	41,679	41,828	41,983	42,156	42,342	42,541	42,748
15,220	15,363	15,495	15,610	15,725	15,822	15,918	16,015	16,096	16,172	16,233	16,281	16,318	16,356
38,652	38,746	38,863	38,984	39,108	39,251	39,401	39,570	39,753	39,949	40,134	40,301	40,456	40,602
17,487	17,608	17,708	17,808	17,906	17,988	18,064	18,124	18,171	18,207	18,255	18,322	18,402	18,481
17.9	17.8	17.8	17.8	17.7	17.7	17.7	17.6	17.6	17.6	17.5	17.5	17.5	17.5
59.9	59.8	59.7	59.6	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.7	59.7
22.3	22.4	22.5	22.6	22.7	22.7	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9
299	299	299	298	297	297	297	296	296	295	294	294	293	293
372	375	377	379	381	382	383	384	385	385	385	385	384	384
671	673	676	677	679	679	680	681	681	680	679	678	676	676

2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096
74,865	75,141	75,417	75,693	75,969	76,245	76,522	76,799	77,077	77,356	77,636	77,917	78,199	78,482
810	811	812	813	815	816	817	818	820	821	823	824	826	826
698	699	701	702	703	703	704	704	704	705	705	706	706	707
112	112	112	112	112	112	113	113	114	115	116	117	118	119
458	458	458	458	458	458	458	458	458	458	458	458	458	458
102	102	102	102	102	102	102	102	102	103	103	103	103	103
288	288	288	288	288	288	288	288	288	288	288	288	288	288
109	109	109	109	109	109	109	109	109	109	109	109	109	109
170	170	170	170	170	170	170	170	170	170	170	170	170	170
-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
164	164	164	164	164	164	164	164	164	164	164	164	164	164
276	276	276	276	276	276	277	277	278	279	280	281	282	283
75,141	75,417	75,693	75,969	76,245	76,522	76,799	77,077	77,356	77,636	77,917	78,199	78,482	78,765
0.37%	0.37%	0.37%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%
1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
89.7	89.9	90.0	90.1	90.2	90.3	90.5	90.6	90.7	90.8	90.9	90.9	91.0	91.2
92.2	92.3	92.4	92.5	92.6	92.7	92.8	93.0	93.1	93.2	93.3	93.3	93.4	93.5
2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2096
12,176	12,211	12,245	12,276	12,306	12,334	12,361	12,385	12,409	12,431	12,453	12,475	12,496	12,518
12,693	12,717	12,743	12,772	12,803	12,836	12,871	12,908	12,947	12,987	13,027	13,068	13,108	13,148
13,301	13,338	13,371	13,401	13,426	13,448	13,467	13,484	13,500	13,515	13,531	13,546	13,563	13,580
12,481	12,506	12,538	12,576	12,620	12,669	12,723	12,779	12,837	12,897	12,955	13,013	13,071	13,129
11,853	11,879	11,911	11,946	11,988	12,034	12,081	12,129	12,177	12,226	12,275	12,324	12,373	12,422
12,639	12,767	12,906	13,058	13,192	13,310	13,425	13,546	13,672	13,803	13,937	14,074	14,211	14,348
75,141	75,417	75,693	75,969	76,245	76,522	76,799	77,077	77,356	77,636	77,917	78,199	78,482	78,765
16.2	16.2	16.2	16.2	16.1	16.1	16.1	16.1	16.0	16.0	16.0	16.0	16.0	16.0
16.9	16.8	16.8	16.8	16.8	16.8	16.8	16.7	16.7	16.7	16.7	16.7	16.7	16.7
17.7	17.7	17.7	17.6	17.6	17.5	17.5	17.5	17.4	17.4	17.4	17.3	17.3	17.3
16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
15.8	15.8	15.7	15.6	15.6	15.6	15.6	15.5	15.5	15.5	15.5	15.4	15.4	15.3
16.8	16.8	16.9	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18.0	18.1	18.1
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
45.5	45.5	45.6	45.6	45.7	45.7	45.8	45.8	45.9	45.9	46.0	46.1	46.1	46.1
44.3	44.4	44.4	44.5	44.5	44.6	44.7	44.7	44.8	44.8	44.9	44.9	45.0	45.1
2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2096
12,982	13,020	13,057	13,092	13,125	13,156	13,185	13,213	13,239	13,264	13,288	13,311	13,335	13,359
44,139	44,240	44,339	44,438	44,537	44,637	44,738	44,841	44,946	45,056	45,171	45,289	45,410	45,531
18,021	18,157	18,297	18,439	18,584	18,729	18,876	19,024	19,171	19,316	19,458	19,599	19,737	19,875
41,752	41,841	41,930	42,021	42,113	42,209	42,310	42,415	42,524	42,638	42,755	42,874	42,995	43,116
58.7	58.7	58.6	58.5	58.4	58.3	58.3	58.2	58.1	58.0	58.0	57.9	57.9	57.9
24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.1	25.1
294	294	294	295	295	295	295	295	295	294	294	294	294	294
408	410	413	415	417	420	422	424	427	429	431	433	435	437
702	705	707	710	712	714	717	719	721	723	725	727	728	729

2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109
78,482	78,766	79,051	79,337	79,623	79,910	80,197	80,484	80,770	81,056	81,342	81,627	81,912	82,195
828	830	832	834	837	839	841	843	846	848	850	852	855	81,912
708	709	711	712	714	716	719	721	724	726	729	732	735	120
120	121	122	122	123	123	123	123	122	122	122	121	120	458
458	458	458	458	458	458	458	458	458	458	458	458	458	104
103	103	103	103	103	103	103	103	103	103	103	103	104	288
288	288	288	288	288	288	288	288	288	288	288	288	288	110
109	109	109	109	110	110	110	110	110	110	110	110	110	170
170	170	170	170	170	170	170	170	170	170	170	170	170	-6
-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	164
164	164	164	164	164	164	164	164	164	164	164	164	164	284
284	285	286	286	286	287	287	287	286	286	286	285	284	82,195
0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.35%	0.35%	0.35%	0.35%	0.35%	95.0
95.0	91.3	91.4	91.5	91.6	91.8	91.9	92.0	92.1	92.2	92.4	92.5	94.9	92.7
92.7	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	0.35%
0.35%	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	95.0
95.0	12,518	12,540	12,562	12,586	12,610	12,636	12,663	12,691	12,720	12,750	12,781	12,812	12,844
13,148	13,186	13,223	13,259	13,293	13,324	13,354	13,382	13,409	13,434	13,457	13,480	13,502	13,524
13,581	13,602	13,624	13,648	13,675	13,704	13,735	13,769	13,805	13,842	13,881	13,921	13,962	14,003
13,119	13,167	13,210	13,249	13,284	13,315	13,341	13,365	13,385	13,404	13,421	13,437	13,454	13,471
12,051	12,069	12,092	12,121	12,157	12,200	12,248	12,301	12,358	12,417	12,479	12,541	12,602	12,662
14,350	14,489	14,626	14,760	14,891	15,018	15,142	15,262	15,380	15,495	15,609	15,720	15,831	15,942
78,766	79,051	79,337	79,623	79,910	80,197	80,484	80,770	81,056	81,342	81,627	81,912	82,195	82,478
15.9	15.9	15.8	15.8	15.8	15.8	15.7	15.7	15.7	15.7	15.7	15.7	15.6	15.6
16.7	16.7	16.7	16.7	16.6	16.6	16.6	16.6	16.5	16.5	16.5	16.5	16.4	16.4
17.2	17.2	17.2	17.1	17.1	17.1	17.0	17.0	17.0	17.0	17.0	17.0	16.9	16.9
16.7	16.7	16.7	16.7	16.6	16.6	16.6	16.5	16.5	16.5	16.5	16.5	16.4	16.4
15.3	15.3	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3	15.3	15.3
18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	19.0	19.0	19.0	19.1	19.2	19.3
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
46.2	46.2	46.3	46.4	46.4	46.5	46.6	46.6	46.7	46.7	46.7	46.8	46.9	46.9
45.2	45.2	45.3	45.4	45.4	45.5	45.6	45.6	45.7	45.7	45.7	45.8	45.8	45.9
2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2109
13,358	13,381	13,406	13,430	13,456	13,483	13,511	13,540	13,571	13,602	13,634	13,667	13,701	13,735
45,534	45,660	45,787	45,915	46,043	46,171	46,296	46,420	46,540	46,657	46,771	46,880	46,986	47,092
19,874	20,010	20,144	20,278	20,410	20,543	20,676	20,810	20,946	21,083	21,223	21,364	21,508	21,652
43,118	43,241	43,363	43,484	43,603	43,719	43,832	43,941	44,046	44,147	44,244	44,339	44,430	44,521
17.0	16.9	16.9	16.9	16.8	16.8	16.8	16.8	16.7	16.7	16.7	16.7	16.7	16.7
57.8	57.8	57.7	57.7	57.6	57.6	57.5	57.5	57.4	57.4	57.4	57.3	57.2	57.2
25.2	25.3	25.4	25.5	25.5	25.6	25.7	25.8	25.8	25.9	26.0	26.1	26.2	26.2
293	293	293	293	292	292	292	292	292	292	292	292	292	292
436	438	440	442	443	445	447	448	450	452	454	456	458	460
730	731	733	734	736	737	738	740	742	743	745	747	749	751

SHEET A6 - Indexed Death Projections
 Source - ONS (see Sheet A5)

Year	Actual					Projected																		
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	
Number of Deaths	473,552	468,875	487,638	464,994	465,596	466,430	467,530	469,019	470,940	473,375	476,383	479,952	484,106	489,019	494,623	500,443	506,871	513,768	521,053	528,703	536,589	544,661	552,815	
Index	101	100	106	99	99	99	100	100	100	101	102	102	103	104	105	107	108	110	111	113	114	116	118	



SHEET A7 - Cremation Rates

Sources - Deaths from Monthly ONS Death Rate Data (see Sheet A3(a)); Cremations from CSGB (see Sheet A1)

A3.1 - England					
Year (Jan-Dec)	Total Cremations	Indexed (2010=100)	Total Deaths	Indexed (2010=100)	Cremations as % of total deaths
2010	353519	100	461017	100	77
2011	355481	101	452862	98	78
2012	365575	103	466779	101	78
2013	374916	106	473552	103	79
2014	368015	104	468875	102	78

A3.2 - Metropolitan Counties					
Year (Jan-Dec)	Total Cremations	Indexed (2010=100)	Total Deaths	Indexed (2010=100)	Cremations as % of total deaths
2010	353519	100	461017	100	77
2011	355481	101	452862	98	78
2012	365575	103	466779	101	78
2013	374916	106	473552	103	79
2014	368015	104	468875	102	78
England Cremations					
	368,015		468,875		
England Deaths					
			461,017		
Cremation Rate (%)					
		77			
G Manchester Cremations					
	18,810		18,538		
G Manchester Met County Deaths					
	18,810		23,776		
Cremation Rate (%)					
		79			
Merseyside Cremations					
	12,365		11,800		
Merseyside Met County Deaths					
	12,365		14,303		
Cremation Rate (%)					
		86			
South Yorks Cremations					
	10,761		10,664		
South Yorks Met County Deaths					
	10,761		12,374		
Cremation Rate (%)					
		85			
Tyne & Wear Cremations					
	10,359		9,977		
Tyne & Wear Met County Deaths					
	10,359		10,909		
Cremation Rate (%)					
		91			
West Midlands Cremations					
	20,140		20,325		
West Midlands Met County Deaths					
	20,140		22,873		
Cremation Rate (%)					
		88			
West Yorkshire Cremations					
	15,557		15,401		
West Yorkshire Met County Deaths					
	15,557		19,179		
Cremation Rate (%)					
		79			