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Projections of older people living with dementia and costs of dementia care in the United Kingdom, 2019–2040

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DISCLAIMER

The views expressed in this report are those of the authors and not necessarily of the funder or colleagues involved in the MODEM study.

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The risk of developing dementia increases exponentially with age. As population ageing continues to accelerate in the UK and worldwide, the number of people living with dementia is set to rise sharply in the decades to come (Livingston et al. 2017). To plan effectively for their care and support, it is important to understand the level of care likely to be required to meet future care needs and the associated care costs.

This report provides projections of the number of older people (aged 65 and over) living with dementia and the costs of healthcare, social care and unpaid care for older people living with dementia from 2019 to 2040 in the four countries of the United Kingdom (England, Northern Ireland, Scotland and Wales). Projections for local authorities in England are presented in Annex 1. These projections were commissioned by the Alzheimer's Society.

The projections were produced using an updated version of a model developed by the Care Policy and Evaluation Centre (CPEC) at the London School of Economics for the Modelling Outcome and Cost Impacts of Interventions for Dementia (MODEM) study. The model produces projections of dementia care in England using the best available up-to-date data on the prevalence of dementia, receipt of unpaid care and care services and unit costs of care.

The model consists of three parts. The first part divides the older population into subgroups by age, gender, education, marital status, living arrangements, level of care needs, and severity of cognitive impairment and dementia. In the second part, the model estimates the number of older people living with dementia in each subgroup using community care and care home services. The third part of the model estimates the aggregate costs of care for older people at the national level. This is achieved by attaching the unit costs of health, social and unpaid care to the number of older people living with dementia in each subgroup calculated in the second part of the model. A more detailed description of the model structure and the sources of data has been reported elsewhere (Prince et al. 2014, Wittenberg et al. 2019a, Wittenberg et al. 2019b).

Following the same methodology, we built a similar model for each of the other three UK countries. The data used in these models and the assumptions used to produce the

projections are set out in Annex 2. The main assumptions are that:

- The numbers of older people by age and gender rise in line with 2014-based population projections published by the Office for National Statistics (ONS 2015);
- The prevalence rate of dementia by age, gender and education does not vary between the four countries but varies over time in line with detailed projections produced by the Population Ageing and Care Simulation (PACSim) model (Kingston et al. 2018);
- The definition of dementia and criteria to determine dementia severity remain constant;
- Patterns of care, including eligibility criteria and the balance between unpaid care and formal care and between home care and residential care, are unchanged;
- The weekly costs of care rise broadly in line with average earnings, which in turn rise in line with official projections;
- A disease modifying treatment for dementia will not become available over the projection period.

The 2014-based population projections are used rather than the 2016-based projections to ensure that the demographic assumptions for Scotland, Wales and Northern Ireland – and for the whole UK – are consistent with those in our previously published work for England (Wittenberg et al. 2019a).

NUMBER OF PEOPLE LLIVING WITH DEMENTIA

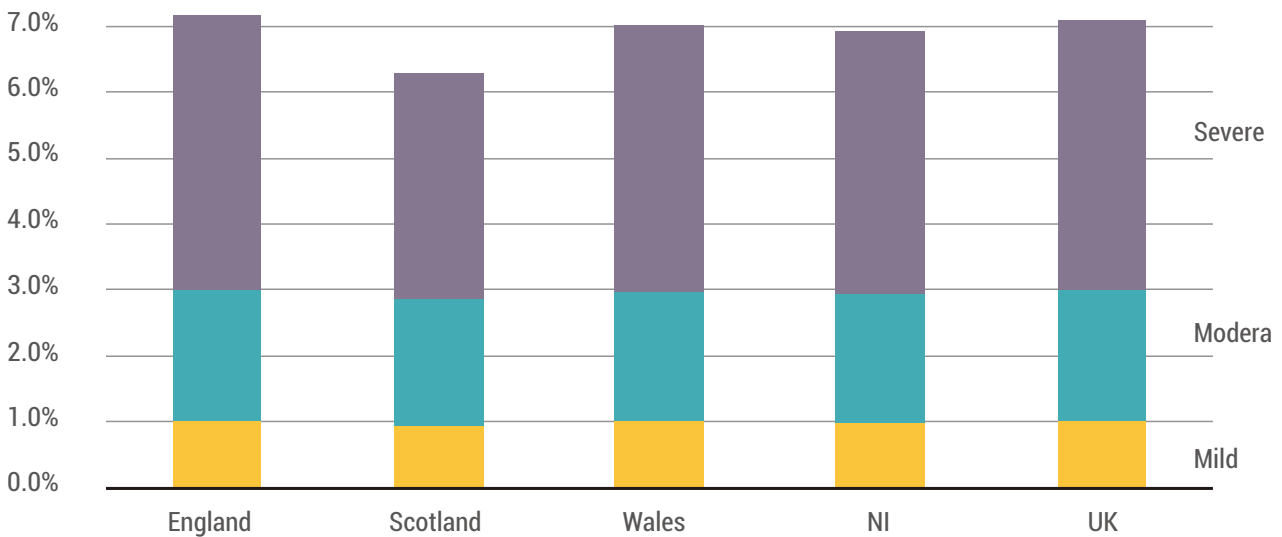
We estimate that there are almost 885,000 older people lliving with dementia in the UK in 2019, of whom 84.7% (748,000 people) live in England, 7.5% (66,300 people) live in Scotland, 5.3% (46,800 people) live in Wales, and 2.5% (22,000 people) live in Northern Ireland.

The prevalence rate of dementia among older people in the UK is estimated to be 7.1% in 2019 (Figure 1).

Among the 885,000 people lliving with dementia in the UK, 127,000 have mild dementia, 246,000 have moderate dementia and 511,000 have severe dementia (Table 1).

Of the four countries, England has the highest overall prevalence rate of dementia among older people (7.2%). This is based on the assumption that the prevalence rates by age, gender and education are the same in the other three countries of the UK as in England.

Figure 1: Prevalence of dementia in the four countries by severity of dementia, 2019



Source: CPEC models

Table 1: Projected number of older people living with dementia 2019–2040

	2019	2020	2025	2030	2040	% change
England						
Mild	107,100	108,300	118,900	136,100	166,700	56%
Moderate	206,300	198,900	210,100	235,600	276,100	34%
Severe	434,600	461,900	569,400	674,400	909,600	109%
Total	748,000	769,200	898,500	1,046,100	1,352,400	81%
Scotland						
Mild	9,900	10,000	10,800	12,200	14,800	49%
Moderate	20,100	19,400	20,600	23,000	26,300	31%
Severe	36,200	38,500	47,400	55,800	74,000	104%
Total	66,300	67,900	78,800	90,900	115,200	74%
Wales						
Mild	6,700	6,800	7,400	8,400	9,900	47%
Moderate	13,000	12,600	13,100	14,500	16,100	24%
Severe	27,100	28,700	35,200	41,300	53,700	98%
Total	46,800	48,100	55,700	64,200	79,700	70%
Northern Ireland						
Mild	3,200	3,200	3,600	4,200	5,200	65%
Moderate	6,200	6,000	6,500	7,400	9,000	45%
Severe	12,700	13,500	17,100	20,600	28,600	126%
Total	22,000	22,700	27,100	32,200	42,800	95%
UK						
Mild	126,900	128,400	140,700	160,900	196,600	55%
Moderate	245,600	236,900	250,300	280,400	327,500	33%
Severe	510,600	542,600	669,100	792,100	1,066,000	109%
Total	883,100	907,900	1,060,100	1,233,400	1,590,100	80%

Source: CPEC models

Note: Figures may not add exactly due to rounding.

We project that the number of older people living with dementia in the UK will increase by 80%, from almost 885,000 in 2019 to around 1.6 million in 2040 (Table 1). It will reach one million in the year 2024. The prevalence rate of dementia in the UK is

projected to reach 8.8% in 2040. The prevalence rate is projected to increase from 7.2% in 2019 to 8.3% in 2040 in England, from 6.3% to 7.7% in Scotland, from 7.0% to 9.0% in Wales, and from 6.9% to 8.5% in Northern Ireland (Figure 2).

Figure 2: Projected prevalence of dementia in the four countries by severity of dementia, 2040

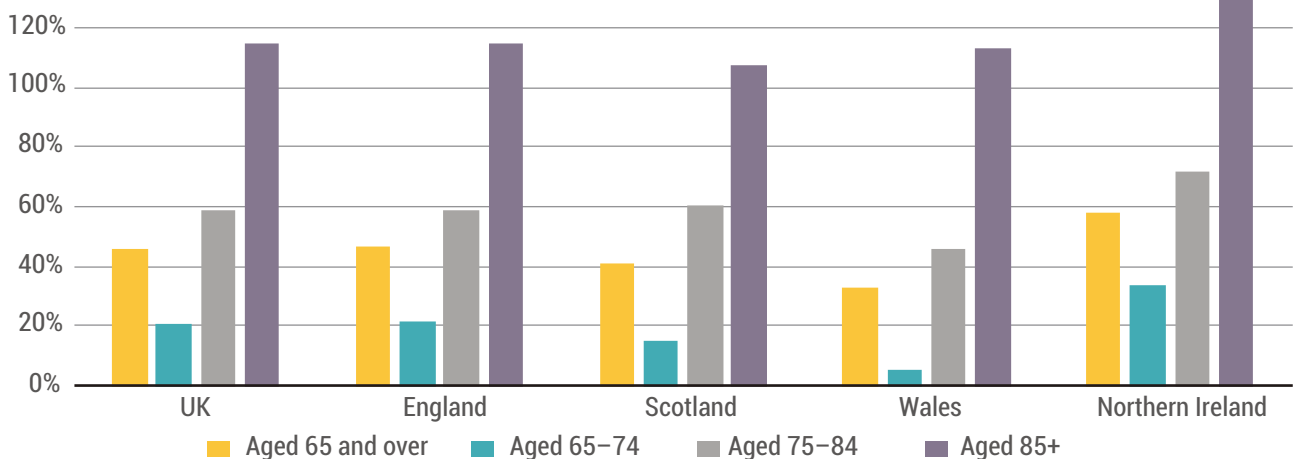


Source: CPEC models

The increase in the prevalence rate and the number of people living with dementia is driven by continued population ageing in the UK, which is characterised by a rising proportion of people in advanced old age. According to the ONS population

projections, while the number of older people aged 65–74 in the UK will increase by 20% between 2019 and 2040, the number of older people aged 85 and over will increase by 114% (Figure 3).

Figure 3 Proportional increase in the number of older people by age groups between 2019 and 2040



The projected increase in the number of people living with dementia varies across the four countries. Northern Ireland is projected to have the largest increase, with the number of people living with dementia rising by 95% over the 21-year period. In comparison, the number of people living with dementia in Wales is projected to rise by 70%, the smallest increase among the four countries (Table 1). The main reason of

such a variation is that older population is projected to increase much faster in Northern Ireland than in the other three countries.

By 2040, the number of older people aged 65 and over in Northern Ireland will increase by 58%. This is in contrast to an increase of 47% in England, 41% in Scotland and 33% in Wales (Figure 3).

COSTS OF DEMENTIA CARE

The total costs of dementia in the UK in 2019 amount to £34.7 billion at 2015 prices. Consistent with previous studies (Prince et al. 2014, Wittenberg et al. 2019b), the total costs reported here include all those associated with supporting older people living with dementia rather than the extra costs attributable specifically to dementia itself.

The total costs in England, Scotland, Wales and Northern Ireland are £29.5 billion, £2.6 billion, £1.8 billion, and £0.8 billion, respectively (Table 2).

Health care accounts for 14% (£4.9 billion) of the total costs in the UK, whereas social care (publicly and privately funded) and unpaid care account for 45% (£15.7 billion) and 40% (£13.9 billion), respectively, of the total costs (Figure 4). 14% of the total costs in England is attributable to health care, 46% is attributable to social care, and 40%

is attributable to unpaid care. Social care accounts for 42% of the total costs in Scotland and Northern Ireland, 43% in Wales and 45% in England. Unpaid care accounts for 44% of the total costs in Scotland, 43% in Northern Ireland, 41% in Wales and 40% in England (Figure 5).

In England around 60.6% of the overall costs of social care, around £8.3 billion in 2019, are estimated to be met by service users themselves and their families. This is on the assumption that the proportion of service users living with dementia who are self-funders is in line with the proportion of all older service users who self-fund their care. The proportion of costs met by service users is likely to be less than 60.6% for the UK as a whole in view of the availability of free personal care for older people in Scotland: it is likely to be around £9 billion in 2019.

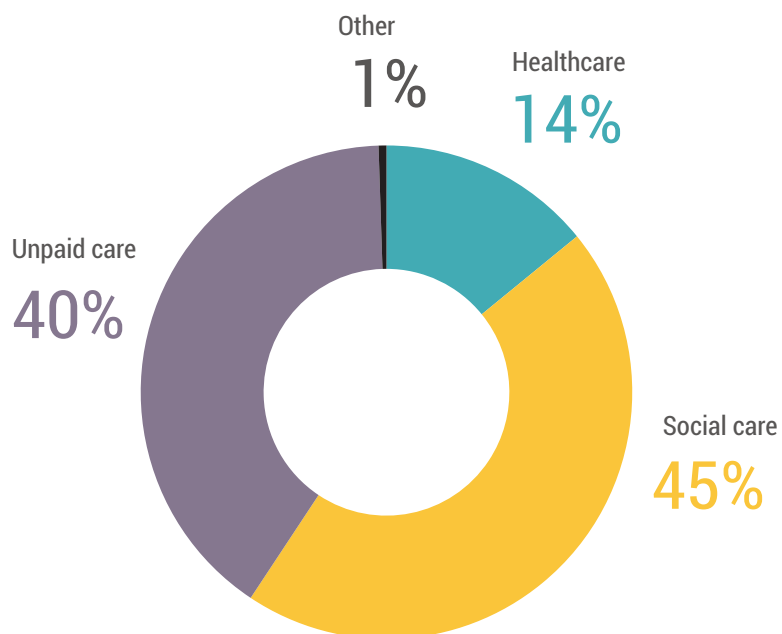
Table 2: Projected costs of dementia for older people (£million), 2019–2040

	2019	2020	2025	2030	2040	% change
England						
Healthcare	4,100	4,300	5,300	6,700	10,600	156%
Social care	13,500	14,500	18,600	24,000	39,200	191%
Unpaid care	11,700	12,200	15,300	19,400	30,100	157%
Other	150	210	260	340	540	254%
Total	29,500	31,200	39,500	50,500	80,400	173%
Scotland						
Healthcare	370	370	460	580	900	146%
Social care	1,100	1,150	1,470	1,880	3,030	183%
Unpaid care	1,100	1,200	1,500	1,900	2,800	150%
Other	10	20	20	30	50	238%
Total	2,580	2,720	3,420	4,340	6,800	164%
Wales						
Healthcare	260	270	330	410	630	143%
Social care	770	830	1,060	1,350	2,130	176%
Unpaid care	740	770	950	1,190	1,770	141%
Other	9	12	16	20	30	221%
Total	1,780	1,880	2,350	2,980	4,560	157%
Northern Ireland						
Healthcare	120	130	160	200	330	174%
Social care	340	360	480	620	1,050	212%
Unpaid care	350	360	460	600	960	178%
Other	4	6	7	10	16	253%
Total	810	860	1,110	1,440	2,360	192%
UK						
Healthcare	4,900	5,000	6,300	7,900	12,500	155%
Social care	15,700	16,900	21,600	27,900	45,400	190%
Unpaid care	13,900	14,600	18,200	23,100	35,700	156%
Other	180	240	310	390	630	251%
Total	34,700	36,700	46,300	59,200	94,100	172%

Source: CPEC models

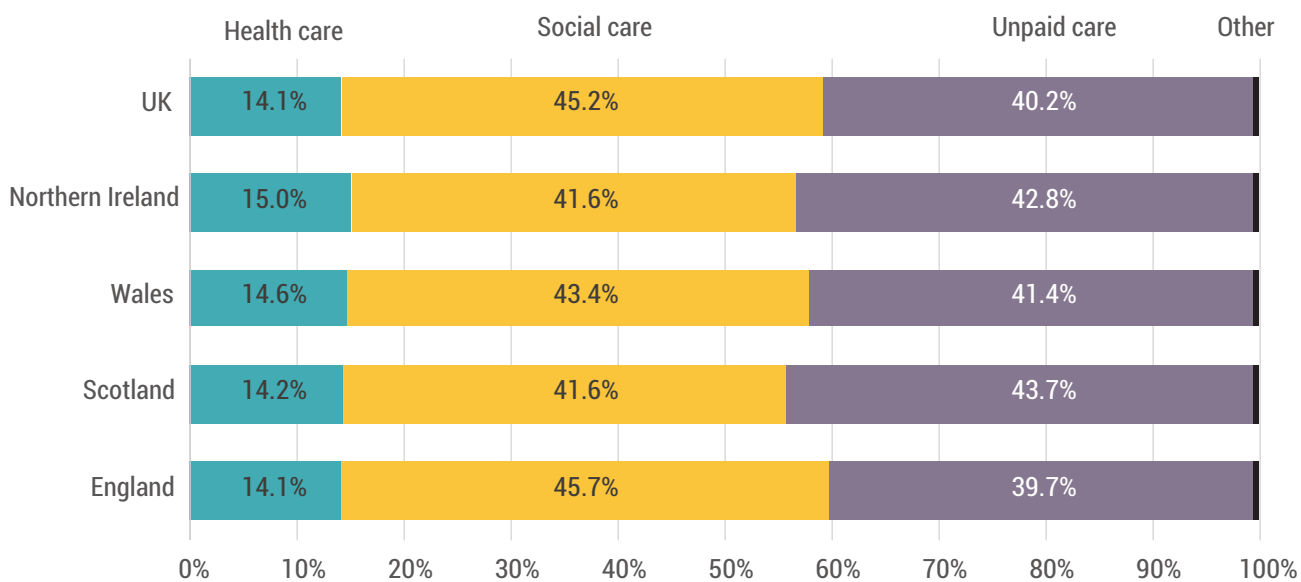
Note: Other costs include those relating to policing, advocacy and research; figures may not add up exactly due to rounding.

Figure 4: Breakdown of total costs of dementia care in the UK, 2019



Source: CPEC models

Figure 5: Breakdown of total costs of dementia care in the four countries, 2019

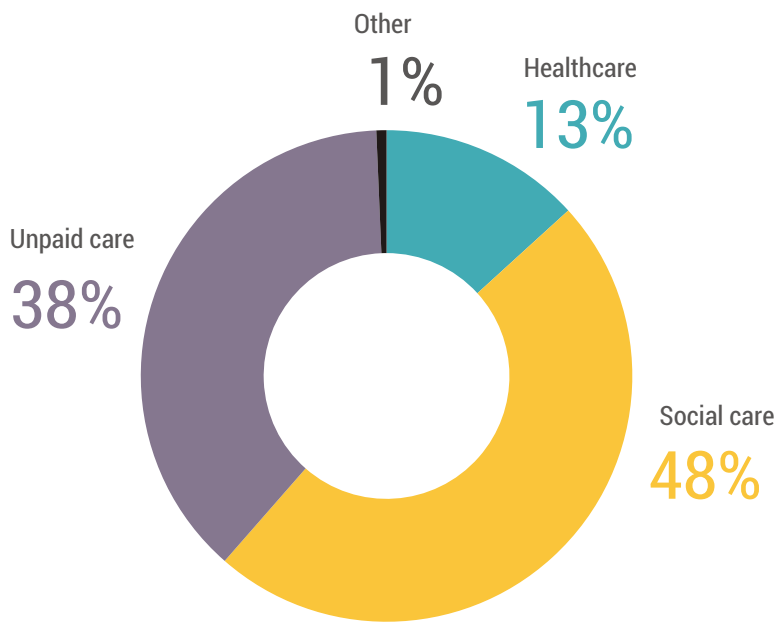


Source: CPEC models

The total cost of dementia care in the UK is projected to increase by 172%, from £34.7 billion in 2019 to £94.1 billion in 2040, at constant 2015 prices (Table 2). Due to a faster increase in the number of older people living with dementia, Northern Ireland is projected to have the largest proportional increase in total costs. By 2040, its total costs of dementia care will reach £2.4 billion, a rise of 192% from £0.8 billion in 2019. In comparison, the projected

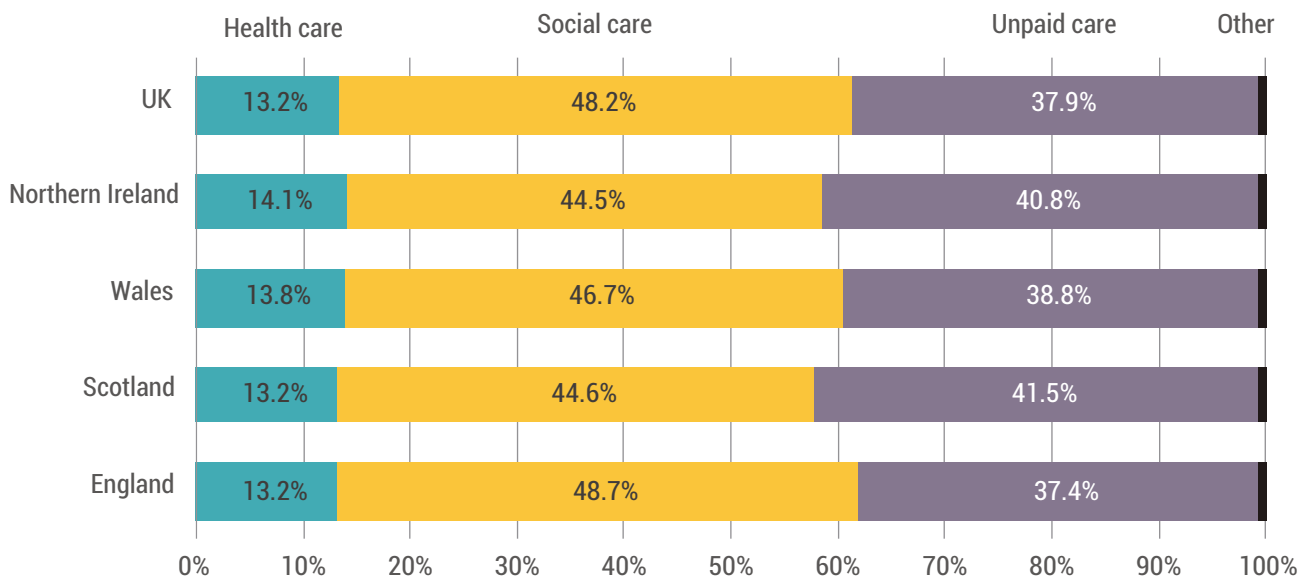
increase in total costs of dementia care will be 173% in England, 164% in Scotland, and 157% in Wales. Social care will account for 48% of the total costs of dementia care in the UK in 2040, a rise from 45% in 2019 (Figure 6). Social care will account for 49% of the total costs in England, 47% in Wales, and 45% in Scotland and Northern Ireland. Unpaid care will account for 42% of the total costs in Scotland, 41% in Northern Ireland, 39% in Wales, and 38% in England (Figure 7).

Figure 6 Breakdown of total costs of dementia care in the UK, 2040



Source: CPEC models

Figure 7 Breakdown of total costs of dementia care in the four countries, 2040



Source: CPEC models

Our modelling shows that all four countries of the UK face very substantial costs of dementia, which are expected to rise sharply in the next two decades. The number of people with severe dementia is projected to more than double, and the costs of social care are projected to nearly triple by 2040. We have also found that the four countries are projected to face varied demographic and financial pressure. Northern Ireland is projected to experience the largest proportional increase in the number of older people living with dementia and the costs of dementia care.

Social care is projected to account for a slightly larger proportion of the total costs, and unpaid care a slightly lower proportion, in 2040 than in 2019. For all of the four countries, the proportion of older people living with dementia who have severe dementia is projected to rise in the next decades (Kingston et al. 2018). The likelihood of living in a care home increases with severity of dementia, which means that in future a higher proportion of people

living with dementia will live in care homes rather than receive care in the community. Given the higher average social care cost and lower cost of unpaid care in care homes, the change in care patterns will result in a faster increase in social care than unpaid care costs.

Two caveats to our analysis should be noted. First, our projections do not take account of the potential development of new interventions for dementia including potentially disease modifying treatments. Projected numbers of older people living with dementia and care costs are likely to be lower than presented in this report if new prevention and intervention programmes become available that help to delay or prevent the onset or progression of dementia. Second, there are various ways to define the severity of dementia. Adopting alternative definitions would result in different projected numbers of older people with mild, moderate and severe dementia.

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ANNEX 1: PROJECTING DEMENTIA CARE IN LOCAL AUTHORITIES IN ENGLAND: AN ANALYSIS NOTE

We built a simplified version of the projections model we developed for the MODEM study (Wittenberg et al. 2019b) to project the number of people aged 65 and over living with dementia, the prevalence rates of dementia and the costs of dementia from 2019 to 2030 for each local authority with social services responsibilities in England.

DATA

The local projection models are based mainly on data in the MODEM model, which is described in Wittenberg et al (2019b). In addition, we draw on local data from the following sources:

1. The projected number of people 65 and over in each local authority, disaggregated by age groups and gender, for the years 2019, 2020, 2025 and 2030 from the Office for National Statistics 2014-based subnational population projections (ONS 2016).

2. Proportions of different levels of educational qualification of older people by gender in each local authority reported in the 2011 Census (ONS 2013).
3. The costs of care home fees in different regions (East of England, East Midlands, London, North East, North West, South East, South West and Yorkshire and Humber) reported by Wittenberg and colleagues (2016).

Our models did not incorporate any local data on numbers of service users or expenditures by local authority.

DATA ANALYSIS

Our analysis relates to the 151 one-tier and upper-tier English local authorities in 2019: 26 county councils, 33 London boroughs, 36 metropolitan districts and 56 unitary authorities (UK Government 2019).

Our methods for producing local projections are based on those we used to produce national projections, described in Wittenberg et al (2019a). We applied the local population data, local data on educational qualifications and regional care home fees data to the local projection models. We applied to local population data national data on the prevalence of dementia by age, gender and education. Based on these analyses, we calculated the number of older people living with dementia and the prevalence rates and care costs of

dementia (Tables 1–3). For each local authority, we broke down the number of people living with dementia by severity and divided the costs into healthcare, social care, unpaid care and other costs (Tables 4–5).

Identification of dementia was based on the well-established AGE-CAT algorithm, and severity of dementia was measured by the Mini-Mental State Examination score (mild dementia = 21–26; moderate dementia = 10–20; and severe dementia = 0–10) (Wittenberg et al. 2019b). The costs include the total costs of care for people living with dementia and not just the costs of specialist dementia care. Social care includes publicly and privately funded care.

Table 1. Projected number of older people aged 65 and over living with dementia (persons)

Local authorities by type and region	2019	2020	2025	2030	% growth
London Boroughs (33)	76,623	78,696	92,167	108,436	41.5%
Barking and Dagenham	1,650	1,670	1,810	2,050	24.5%
Barnet	4,230	4,360	5,180	6,150	45.4%
Bexley	3,240	3,300	3,720	4,210	29.9%
Brent	2,800	2,900	3,500	4,150	48.3%
Bromley	4,400	4,480	5,100	5,870	33.5%
Camden	2,080	2,140	2,590	3,100	49.3%
City of London	80	80	100	120	50.0%
Croydon	3,740	3,840	4,570	5,470	46.2%
Ealing	3,050	3,140	3,740	4,420	44.7%
Enfield	3,350	3,450	4,030	4,740	41.3%
Greenwich	2,160	2,210	2,570	3,030	40.2%
Hackney	1,450	1,500	1,770	2,120	46.0%
Hammersmith and Fulham	1,300	1,330	1,590	1,900	46.3%
Haringey	1,810	1,870	2,260	2,710	49.7%
Harrow	2,840	2,930	3,430	3,980	40.2%
Havering	3,880	3,970	4,440	5,010	29.1%
Hillingdon	3,020	3,110	3,630	4,230	40.1%
Hounslow	2,200	2,270	2,710	3,210	45.9%
Islington	1,450	1,490	1,740	2,060	41.6%
Kensington and Chelsea	1,570	1,630	2,020	2,440	55.2%
Kingston upon Thames	1,760	1,800	2,120	2,520	43.3%
Lambeth	1,850	1,900	2,240	2,680	44.6%
Lewisham	2,080	2,120	2,440	2,870	38.2%
Merton	1,850	1,900	2,190	2,550	37.8%
Newham	1,770	1,830	2,220	2,680	51.3%
Redbridge	2,840	2,900	3,330	3,850	35.7%

Richmond upon Thames	2,170	2,230	2,660	3,190	47.2%
Southwark	1,830	1,880	2,210	2,660	45.0%
Sutton	2,350	2,410	2,790	3,250	38.4%
Tower Hamlets	1,430	1,480	1,740	2,070	45.1%
Waltham Forest	2,230	2,280	2,630	3,060	37.2%
Wandsworth	2,100	2,150	2,520	2,960	40.6%
Westminster	2,060	2,130	2,600	3,140	52.1%

Metropolitan districts (36)	149,660	153,450	174,900	199,090	33.0%
Barnsley	3,450	3,570	4,160	4,810	39.2%
Birmingham	11,720	11,960	13,230	14,810	26.3%
Bolton	3,440	3,540	4,130	4,790	39.2%
Bradford	5,890	6,020	6,930	7,970	35.4%
Bury	2,450	2,520	2,950	3,430	40.1%
Calderdale	2,780	2,860	3,380	3,960	42.5%
Coventry	3,880	3,970	4,460	5,040	29.9%
Doncaster	4,300	4,410	5,060	5,780	34.5%
Dudley	4,950	5,090	5,740	6,420	29.6%
Gateshead	2,910	2,980	3,370	3,780	29.8%
Kirklees	5,430	5,590	6,580	7,660	41.2%
Knowsley	2,000	2,050	2,310	2,610	31.0%
Leeds	9,020	9,210	10,430	11,800	30.9%
Liverpool	5,400	5,510	6,150	6,890	27.7%
Manchester	3,750	3,820	4,260	4,860	29.5%
Newcastle Upon Tyne	3,330	3,400	3,850	4,370	31.2%
North Tyneside	3,020	3,110	3,590	4,150	37.2%
Oldham	2,740	2,810	3,260	3,760	37.1%
Rochdale	2,580	2,650	3,060	3,520	36.5%
Rotherham	3,770	3,890	4,500	5,140	36.2%

Salford	2,720	2,770	3,110	3,520	29.5%
Sandwell	4,040	4,150	4,550	5,050	25.0%
Sefton	4,900	5,010	5,690	6,440	31.3%
Sheffield	7,200	7,370	8,290	9,290	29.0%
Solihull	3,470	3,550	4,040	4,610	32.8%
South Tyneside	2,310	2,360	2,670	3,040	31.5%
St. Helens	2,620	2,700	3,150	3,610	37.6%
Stockport	4,250	4,350	5,020	5,760	35.8%
Sunderland	3,880	3,990	4,570	5,190	33.7%
Tameside	2,850	2,940	3,410	3,950	38.9%
Trafford	3,100	3,170	3,620	4,170	34.5%
Wakefield	4,740	4,880	5,690	6,580	39.0%
Walsall	4,000	4,110	4,620	5,140	28.3%
Wigan	4,250	4,410	5,200	6,040	42.0%
Wirral	5,050	5,160	5,910	6,800	34.7%
Wolverhampton	3,510	3,580	3,950	4,400	25.4%
Unitary authorities (56)	180,340	185,520	217,060	253,070	40.3%
Bath and North East Somerset	2,700	2,760	3,170	3,670	36.0%
Bedford	2,260	2,330	2,770	3,280	45.4%
Blackburn with Darwen	1,480	1,520	1,740	1,990	34.7%
Blackpool	2,130	2,170	2,390	2,650	24.1%
Bournemouth, Christchurch and Poole	6,800	6,930	7,860	9,070	33.4%
Bracknell Forest	1,250	1,290	1,570	1,900	52.1%
Brighton and Hove	2,950	2,990	3,330	3,840	30.5%
Bristol	4,650	4,730	5,280	5,970	28.4%
Central Bedfordshire	3,460	3,590	4,410	5,330	54.2%
Cheshire East	6,390	6,600	7,850	9,230	44.4%
Cheshire West and Chester	5,160	5,300	6,240	7,260	40.7%

Cornwall	9,740	10,020	11,860	13,900	42.8%
Darlington	1,570	1,610	1,880	2,170	38.0%
Derby	3,260	3,330	3,760	4,290	31.7%
Dorset	7,800	8,020	9,410	10,980	40.7%
Durham	7,680	7,920	9,230	10,620	38.2%
East Riding of Yorkshire	6,100	6,290	7,450	8,650	41.8%
Halton	1,590	1,650	1,970	2,310	45.1%
Hartlepool	1,400	1,440	1,660	1,890	35.1%
Herefordshire	3,330	3,430	4,040	4,730	42.0%
Isle of Wight	2,800	2,880	3,360	3,920	39.9%
Isles of Scilly	40	40	40	50	26.8%
Kingston upon Hull	2,980	3,050	3,400	3,830	28.5%
Leicester	3,310	3,400	3,890	4,470	35.1%
Luton	2,090	2,150	2,470	2,830	35.6%
Medway	3,170	3,270	3,910	4,640	46.2%
Middlesbrough	1,690	1,730	1,970	2,240	32.5%
Milton Keynes	2,580	2,690	3,410	4,240	64.7%
North East Lincolnshire	2,460	2,530	2,880	3,260	32.4%
North Lincolnshire	2,650	2,740	3,210	3,730	40.9%
North Somerset	3,810	3,940	4,710	5,570	46.2%
Northumberland	5,420	5,600	6,690	7,840	44.6%
Nottingham	3,010	3,070	3,410	3,870	28.5%
Peterborough	2,190	2,250	2,610	3,050	39.2%
Plymouth	3,510	3,600	4,170	4,770	35.8%
Portsmouth	2,310	2,360	2,680	3,090	33.9%
Reading	1,520	1,550	1,800	2,100	38.5%
Redcar and Cleveland	2,200	2,270	2,630	3,000	36.0%
Rutland	700	730	870	1,030	47.2%

Shropshire	5,530	5,720	6,820	8,070	45.9%
Slough	1,080	1,110	1,290	1,520	40.4%
Southampton	2,610	2,650	2,970	3,380	29.8%
Southend-on-Sea	2,760	2,820	3,240	3,760	36.4%
South Gloucestershire	3,900	4,020	4,760	5,560	42.7%
Stockton-on-Tees	2,580	2,660	3,140	3,650	41.4%
Stoke-on-Trent	3,250	3,350	3,770	4,240	30.4%
Swindon	2,600	2,700	3,250	3,910	50.3%
Telford and Wrekin	2,060	2,150	2,600	3,080	49.4%
Thurrock	1,760	1,810	2,110	2,460	39.8%
Torbay	2,670	2,740	3,180	3,680	37.7%
Warrington	2,700	2,800	3,350	3,960	46.4%
West Berkshire	2,040	2,110	2,580	3,110	52.7%
Wiltshire	7,630	7,900	9,540	11,420	49.6%
Windsor and Maidenhead	2,130	2,200	2,580	3,020	41.6%
Wokingham	2,070	2,150	2,620	3,120	50.6%
York	2,820	2,890	3,340	3,860	36.7%
County councils (26)	341,340	351,540	414,340	485,550	42.2%
Buckinghamshire	7,440	7,690	9,220	10,880	46.3%
Cambridgeshire	9,090	9,400	11,240	13,350	46.8%
Cumbria	8,580	8,790	10,180	11,650	35.9%
Derbyshire	12,370	12,760	15,060	17,630	42.5%
Devon	14,520	14,910	17,390	20,280	39.7%
East Sussex	10,870	11,150	13,030	15,330	41.0%
Essex	22,930	23,620	27,730	32,350	41.1%
Gloucestershire	9,630	9,920	11,820	14,040	45.7%
Hampshire	21,670	22,380	26,730	31,640	46.0%
Hertfordshire	15,550	15,980	18,710	21,900	40.8%

Kent	23,250	23,940	28,320	33,400	43.7%
Lancashire	17,610	18,100	21,060	24,330	38.1%
Leicestershire	10,260	10,590	12,550	14,770	44.0%
Lincolnshire	12,690	13,090	15,390	17,940	41.4%
Norfolk	16,330	16,770	19,420	22,370	37.0%
North Yorkshire	10,530	10,830	12,820	15,000	42.5%
Northamptonshire	9,470	9,800	11,860	14,290	50.9%
Nottinghamshire	12,360	12,750	14,970	17,430	41.0%
Oxfordshire	9,120	9,410	11,230	13,320	46.1%
Somerset	10,000	10,300	12,160	14,340	43.4%
Staffordshire	13,650	14,120	16,720	19,470	42.6%
Suffolk	13,170	13,580	16,020	18,770	42.5%
Surrey	16,950	17,390	20,360	23,820	40.5%
Warwickshire	8,710	8,990	10,610	12,400	42.4%
West Sussex	14,970	15,370	18,020	21,180	41.5%
Worcestershire	9,630	9,930	11,710	13,700	42.2%
North East	38,000	39,080	45,230	51,910	36.6%
North West	97,710	100,320	116,010	133,500	36.6%
Yorkshire and the Humber	74,110	76,130	88,120	101,320	36.7%
East Midlands	67,430	69,510	81,760	95,730	42.0%
West Midlands	81,740	84,090	96,870	111,150	36.0%
East of England	91,580	94,310	110,720	129,440	41.3%
South East	130,750	134,570	159,020	187,430	43.4%
South West	90,010	92,510	108,580	127,210	41.3%
London	76,620	78,700	92,170	108,440	41.5%
TOTAL OF ENGLAND	747,960	769,200	898,470	1,046,140	39.9%

Note: Figures may not add exactly due to rounding.

Table 2. Projected total costs of dementia (in £million, 2015 prices)

Local authorities by type and region	2019	2020	2025	2030	% growth
London Boroughs (33)	3,423	3,625	4,595	5,934	73.4%
Barking and Dagenham	75	80	90	115	51.2%
Barnet	190	200	260	340	78.2%
Bexley	145	155	185	230	59.0%
Brent	125	135	175	225	81.9%
Bromley	195	205	255	325	63.5%
Camden	90	100	130	170	83.7%
City of London	3	4	5	6	84.4%
Croydon	165	175	225	300	79.1%
Ealing	135	145	185	240	77.8%
Enfield	150	160	200	260	73.2%
Greenwich	95	100	130	165	71.2%
Hackney	65	70	90	115	79.0%
Hammersmith and Fulham	55	60	80	105	80.2%
Haringey	80	85	110	145	84.1%
Harrow	125	135	170	220	72.0%
Havering	175	185	225	280	58.0%
Hillingdon	135	145	180	230	71.7%
Hounslow	100	105	135	175	79.3%
Islington	65	70	85	110	73.5%
Kensington and Chelsea	70	75	100	135	92.3%
Kingston upon Thames	80	85	105	140	75.6%
Lambeth	80	85	110	145	76.7%
Lewisham	95	100	120	155	68.3%
Merton	85	85	110	140	68.9%
Newham	80	85	110	145	85.2%
Redbridge	125	135	165	210	65.9%

Richmond upon Thames	95	105	130	175	80.4%
Southwark	80	85	110	145	76.7%
Sutton	105	110	140	180	69.5%
Tower Hamlets	65	70	85	115	77.4%
Waltham Forest	100	105	130	170	67.7%
Wandsworth	95	100	125	160	72.7%
Westminster	90	95	130	170	87.3%
Metropolitan districts (36)	5,610	5,920	7,290	9,090	62.1%
Barnsley	125	135	170	215	69.7%
Birmingham	460	485	575	705	53.9%
Bolton	130	135	170	215	70.2%
Bradford	215	225	280	355	64.7%
Bury	90	95	120	155	71.2%
Calderdale	100	105	135	175	73.5%
Coventry	150	160	195	240	58.5%
Doncaster	155	165	205	255	63.8%
Dudley	195	205	250	305	58.7%
Gateshead	110	115	140	175	58.4%
Kirklees	195	210	265	340	72.2%
Knowsley	75	80	95	120	59.4%
Leeds	330	345	420	520	59.3%
Liverpool	200	210	255	315	55.5%
Manchester	140	145	175	220	57.3%
Newcastle Upon Tyne	125	130	160	200	59.6%
North Tyneside	115	120	150	190	67.1%
Oldham	100	110	135	170	67.5%
Rochdale	95	100	125	160	66.5%
Rotherham	135	145	180	230	66.1%

Salford	100	105	130	160	57.6%
Sandwell	160	170	200	240	52.5%
Sefton	185	195	235	295	60.0%
Sheffield	260	275	335	410	57.0%
Solihull	135	145	175	220	62.0%
South Tyneside	85	90	110	140	59.8%
St. Helens	95	105	130	165	68.3%
Stockport	160	165	210	260	65.6%
Sunderland	145	155	190	240	63.2%
Tameside	105	115	140	180	69.6%
Trafford	115	120	150	190	63.6%
Wakefield	170	185	230	290	69.4%
Walsall	155	165	200	245	57.0%
Wigan	160	170	215	275	73.9%
Wirral	190	200	245	310	64.3%
Wolverhampton	140	145	175	210	53.0%
Unitary authorities (56)	7,030	7,450	9,420	12,065	71.6%
Bath and North East Somerset	110	115	140	180	66.3%
Bedford	85	90	120	155	77.4%
Blackburn with Darwen	55	60	70	90	64.3%
Blackpool	80	85	100	120	51.2%
Bournemouth, Christchurch and Poole	275	290	355	445	62.5%
Bracknell Forest	50	55	70	95	86.0%
Brighton and Hove	120	125	155	195	58.7%
Bristol	190	195	235	295	56.5%
Central Bedfordshire	130	140	185	250	88.7%
Cheshire East	240	255	325	420	76.2%
Cheshire West and Chester	190	205	260	330	71.9%

Cornwall	390	415	530	685	75.2%
Darlington	60	65	80	100	68.4%
Derby	125	135	165	205	60.4%
Dorset	315	330	420	540	72.4%
Durham	290	305	385	485	69.0%
East Riding of Yorkshire	220	235	300	380	73.2%
Halton	60	65	80	105	77.5%
Hartlepool	55	55	70	85	64.7%
Herefordshire	130	135	175	225	73.8%
Isle of Wight	115	120	155	195	71.3%
Isles of Scilly	2	2	2	2	54.8%
Kingston upon Hull	110	115	140	170	56.3%
Leicester	130	135	170	215	64.5%
Luton	80	85	105	135	65.5%
Medway	130	140	180	235	79.4%
Middlesbrough	65	65	80	105	61.4%
Milton Keynes	105	115	155	215	102.3%
North East Lincolnshire	90	95	115	145	61.2%
North Lincolnshire	95	105	130	165	71.7%
North Somerset	155	165	210	275	79.1%
Northumberland	205	215	280	360	76.9%
Nottingham	120	125	150	185	56.2%
Peterborough	85	90	110	140	69.7%
Plymouth	140	150	185	235	66.4%
Portsmouth	95	100	125	155	63.2%
Reading	65	65	85	105	69.4%
Redcar and Cleveland	85	90	110	140	66.3%
Rutland	25	30	40	50	80.2%

Shropshire	215	230	295	385	78.7%
Slough	45	45	60	75	71.1%
Southampton	110	115	135	170	58.2%
Southend-on-Sea	105	110	140	175	66.0%
South Gloucestershire	155	165	215	275	75.0%
Stockton-on-Tees	95	105	130	165	72.6%
Stoke-on-Trent	125	135	165	200	59.5%
Swindon	105	110	145	190	83.8%
Telford and Wrekin	80	85	110	145	83.4%
Thurrock	65	70	90	115	70.6%
Torbay	110	115	140	180	68.4%
Warrington	100	105	140	180	79.1%
West Berkshire	85	90	120	155	87.8%
Wiltshire	305	325	425	560	83.3%
Windsor and Maidenhead	90	95	120	155	73.5%
Wokingham	85	90	120	155	85.3%
York	100	110	135	170	66.5%
County councils (26)	13,430	14,240	18,155	23,375	74.1%
Buckinghamshire	305	325	425	550	79.5%
Cambridgeshire	350	370	480	625	79.3%
Cumbria	320	335	420	530	65.9%
Derbyshire	480	510	650	835	74.4%
Devon	585	615	780	995	71.0%
East Sussex	450	475	600	775	72.3%
Essex	880	930	1,180	1,515	72.4%
Gloucestershire	385	410	530	690	78.4%
Hampshire	890	950	1,225	1,595	79.0%
Hertfordshire	595	630	800	1,025	71.6%

Kent	955	1,015	1,300	1,685	76.0%
Lancashire	655	695	870	1,105	68.6%
Leicestershire	395	420	540	700	76.0%
Lincolnshire	490	520	665	850	73.1%
Norfolk	625	660	830	1,045	67.4%
North Yorkshire	380	405	515	660	73.8%
Northamptonshire	365	390	510	675	84.6%
Nottinghamshire	480	510	645	825	72.5%
Oxfordshire	375	400	515	670	79.2%
Somerset	400	425	545	705	75.4%
Staffordshire	530	565	725	925	74.9%
Suffolk	505	535	685	880	74.1%
Surrey	700	740	935	1,200	72.0%
Warwickshire	340	360	460	590	74.3%
West Sussex	620	655	830	1,070	73.0%
Worcestershire	375	395	505	650	74.0%
North East	1,430	1,515	1,890	2,385	66.7%
North West	3,640	3,845	4,805	6,070	66.7%
Yorkshire and the Humber	2,690	2,845	3,555	4,485	66.6%
East Midlands	2,615	2,775	3,525	4,535	73.6%
West Midlands	3,185	3,375	4,210	5,295	66.3%
East of England	3,510	3,720	4,720	6,055	72.6%
South East	5,385	5,710	7,295	9,450	75.5%
South West	3,615	3,825	4,860	6,255	73.0%
London	3,425	3,625	4,595	5,935	73.4%
TOTAL OF ENGLAND	29,490	31,235	39,455	50,465	71.1%

Note: Figures may not add exactly due to rounding.

Table 3. Projected prevalence rates of dementia in old age (65 and over)

Local authorities by type and region	2019	2020	2025	2030	% growth
London Boroughs (33)	7.10%	7.14%	7.38%	7.52%	5.9%
Barking and Dagenham	8.10%	8.14%	7.89%	7.66%	-5.3%
Barnet	7.34%	7.39%	7.73%	7.99%	8.9%
Bexley	7.76%	7.82%	8.04%	8.07%	4.0%
Brent	6.93%	6.97%	7.16%	7.30%	5.4%
Bromley	7.40%	7.45%	7.77%	7.93%	7.2%
Camden	6.73%	6.80%	7.22%	7.53%	11.8%
City of London	5.55%	5.49%	5.89%	6.20%	11.8%
Croydon	6.94%	6.96%	7.24%	7.36%	6.0%
Ealing	6.86%	6.90%	7.27%	7.49%	9.1%
Enfield	7.38%	7.44%	7.68%	7.76%	5.2%
Greenwich	7.08%	7.11%	7.23%	7.30%	3.0%
Hackney	6.89%	6.93%	7.07%	7.11%	3.1%
Hammersmith and Fulham	6.57%	6.63%	7.07%	7.33%	11.6%
Haringey	6.52%	6.56%	6.88%	7.02%	7.7%
Harrow	7.07%	7.12%	7.42%	7.65%	8.2%
Havering	8.05%	8.13%	8.31%	8.40%	4.3%
Hillingdon	7.20%	7.25%	7.51%	7.64%	6.0%
Hounslow	6.62%	6.66%	6.97%	7.20%	8.7%
Islington	6.85%	6.89%	7.07%	7.09%	3.5%
Kensington and Chelsea	6.36%	6.48%	7.12%	7.62%	19.8%
Kingston upon Thames	7.03%	7.07%	7.42%	7.72%	9.9%
Lambeth	6.84%	6.86%	6.98%	6.96%	1.8%
Lewisham	7.13%	7.15%	7.14%	7.05%	-1.1%
Merton	6.99%	7.03%	7.32%	7.48%	7.0%
Newham	6.71%	6.73%	6.74%	6.77%	0.9%
Redbridge	7.29%	7.31%	7.48%	7.64%	4.8%

Richmond upon Thames	6.87%	6.92%	7.34%	7.69%	12.0%
Southwark	6.98%	6.98%	6.95%	6.94%	-0.6%
Sutton	7.27%	7.32%	7.61%	7.75%	6.6%
Tower Hamlets	7.26%	7.31%	7.20%	7.12%	-1.9%
Waltham Forest	7.41%	7.44%	7.55%	7.59%	2.4%
Wandsworth	6.76%	6.81%	7.18%	7.39%	9.3%
Westminster	6.56%	6.60%	7.03%	7.32%	11.5%
Metropolitan districts (36)	7.29%	7.38%	7.70%	7.90%	8.4%
Barnsley	7.16%	7.29%	7.62%	7.85%	9.6%
Birmingham	7.74%	7.80%	7.98%	8.02%	3.6%
Bolton	6.80%	6.91%	7.40%	7.74%	13.8%
Bradford	7.21%	7.25%	7.50%	7.74%	7.4%
Bury	6.86%	6.98%	7.48%	7.80%	13.6%
Calderdale	6.94%	7.01%	7.42%	7.73%	11.5%
Coventry	7.54%	7.63%	7.91%	8.08%	7.1%
Doncaster	7.19%	7.27%	7.59%	7.84%	8.9%
Dudley	7.43%	7.56%	8.05%	8.26%	11.1%
Gateshead	7.32%	7.42%	7.73%	7.90%	7.9%
Kirklees	6.88%	6.97%	7.44%	7.79%	13.3%
Knowsley	7.61%	7.69%	7.73%	7.74%	1.7%
Leeds	7.24%	7.32%	7.66%	7.85%	8.5%
Liverpool	7.34%	7.40%	7.54%	7.63%	3.9%
Manchester	7.23%	7.26%	7.34%	7.36%	1.7%
Newcastle Upon Tyne	7.48%	7.53%	7.71%	7.90%	5.6%
North Tyneside	7.17%	7.25%	7.54%	7.79%	8.6%
Oldham	7.04%	7.13%	7.58%	7.88%	12.0%
Rochdale	7.00%	7.09%	7.44%	7.75%	10.7%
Rotherham	7.14%	7.26%	7.69%	7.99%	11.9%

Salford	7.33%	7.40%	7.61%	7.68%	4.8%
Sandwell	8.02%	8.14%	8.31%	8.25%	2.8%
Sefton	7.53%	7.60%	7.92%	8.12%	7.8%
Sheffield	7.55%	7.65%	7.99%	8.16%	8.2%
Solihull	7.53%	7.63%	8.07%	8.33%	10.6%
South Tyneside	7.46%	7.50%	7.63%	7.79%	4.4%
St. Helens	6.90%	7.03%	7.59%	7.91%	14.6%
Stockport	7.08%	7.16%	7.57%	7.85%	10.8%
Sunderland	7.05%	7.13%	7.41%	7.65%	8.6%
Tameside	6.96%	7.09%	7.50%	7.71%	10.7%
Trafford	7.36%	7.42%	7.70%	7.86%	6.8%
Wakefield	7.11%	7.20%	7.60%	7.89%	11.0%
Walsall	7.77%	7.90%	8.31%	8.41%	8.2%
Wigan	6.72%	6.87%	7.43%	7.72%	14.9%
Wirral	7.11%	7.17%	7.57%	7.89%	11.0%
Wolverhampton	7.90%	8.00%	8.25%	8.34%	5.6%
Unitary authorities (56)	7.13%	7.21%	7.63%	7.93%	11.3%
Bath and North East Somerset	7.26%	7.32%	7.75%	8.09%	11.4%
Bedford	7.25%	7.33%	7.71%	7.96%	9.8%
Blackburn with Darwen	6.71%	6.75%	7.10%	7.39%	10.1%
Blackpool	7.40%	7.48%	7.80%	7.95%	7.4%
Bournemouth, Christchurch and Poole	7.68%	7.73%	8.02%	8.23%	7.1%
Bracknell Forest	6.81%	6.87%	7.19%	7.44%	9.2%
Brighton and Hove	7.44%	7.45%	7.63%	7.66%	2.9%
Bristol	7.52%	7.56%	7.81%	8.03%	6.7%
Central Bedfordshire	6.60%	6.68%	7.14%	7.46%	13.1%
Cheshire East	7.17%	7.28%	7.85%	8.24%	14.9%
Cheshire West and Chester	6.99%	7.08%	7.61%	7.97%	14.0%

Cornwall	6.86%	6.95%	7.49%	7.94%	15.8%
Darlington	7.20%	7.29%	7.73%	8.03%	11.6%
Derby	7.63%	7.72%	7.98%	8.08%	6.0%
Dorset	7.12%	7.20%	7.70%	8.10%	13.7%
Durham	6.95%	7.04%	7.49%	7.80%	12.3%
East Riding of Yorkshire	6.86%	6.95%	7.52%	7.90%	15.2%
Halton	6.66%	6.77%	7.22%	7.61%	14.3%
Hartlepool	7.51%	7.60%	7.93%	8.02%	6.9%
Herefordshire	6.99%	7.07%	7.58%	7.98%	14.1%
Isle of Wight	7.09%	7.16%	7.60%	8.00%	12.8%
Isles of Scilly	6.53%	6.52%	6.91%	7.37%	12.9%
Kingston upon Hull	7.40%	7.47%	7.64%	7.73%	4.5%
Leicester	7.59%	7.62%	7.71%	7.88%	3.9%
Luton	7.58%	7.67%	7.95%	7.99%	5.4%
Medway	6.84%	6.94%	7.37%	7.65%	11.8%
Middlesbrough	7.22%	7.27%	7.47%	7.67%	6.2%
Milton Keynes	6.58%	6.64%	7.14%	7.62%	15.8%
North East Lincolnshire	7.48%	7.58%	7.97%	8.18%	9.4%
North Lincolnshire	7.14%	7.24%	7.68%	8.01%	12.2%
North Somerset	7.18%	7.28%	7.88%	8.33%	15.9%
Northumberland	6.84%	6.93%	7.42%	7.86%	14.9%
Nottingham	7.66%	7.67%	7.73%	7.76%	1.3%
Peterborough	7.25%	7.31%	7.62%	7.85%	8.2%
Plymouth	7.19%	7.29%	7.70%	8.03%	11.8%
Portsmouth	7.43%	7.48%	7.64%	7.76%	4.4%
Reading	7.34%	7.39%	7.69%	7.87%	7.2%
Redcar and Cleveland	7.11%	7.24%	7.72%	8.06%	13.3%
Rutland	7.09%	7.22%	7.84%	8.35%	17.8%

Shropshire	7.01%	7.10%	7.66%	8.07%	15.1%
Slough	7.08%	7.08%	7.18%	7.27%	2.7%
Southampton	7.53%	7.55%	7.74%	7.88%	4.8%
Southend-on-Sea	7.62%	7.68%	7.99%	8.21%	7.8%
South Gloucestershire	7.13%	7.24%	7.79%	8.07%	13.2%
Stockton-on-Tees	7.03%	7.12%	7.51%	7.81%	11.0%
Stoke-on-Trent	7.30%	7.42%	7.73%	7.93%	8.6%
Swindon	7.09%	7.16%	7.47%	7.68%	8.4%
Telford and Wrekin	6.67%	6.79%	7.40%	7.79%	16.8%
Thurrock	7.12%	7.20%	7.54%	7.71%	8.3%
Torbay	7.33%	7.40%	7.85%	8.19%	11.6%
Warrington	6.79%	6.90%	7.45%	7.74%	13.9%
West Berkshire	6.62%	6.71%	7.26%	7.70%	16.3%
Wiltshire	6.99%	7.07%	7.57%	7.96%	13.9%
Windsor and Maidenhead	7.39%	7.50%	8.05%	8.36%	13.2%
Wokingham	6.86%	6.96%	7.58%	7.99%	16.6%
York	7.21%	7.27%	7.73%	8.03%	11.4%
County councils (26)	7.16%	7.24%	7.73%	8.07%	12.8%
Buckinghamshire	7.11%	7.21%	7.74%	8.09%	13.8%
Cambridgeshire	7.12%	7.20%	7.68%	8.05%	13.1%
Cumbria	7.02%	7.11%	7.61%	7.98%	13.6%
Derbyshire	7.02%	7.12%	7.61%	7.97%	13.5%
Devon	7.15%	7.22%	7.71%	8.12%	13.6%
East Sussex	7.44%	7.50%	7.90%	8.20%	10.1%
Essex	7.30%	7.40%	7.86%	8.17%	11.9%
Gloucestershire	6.98%	7.05%	7.51%	7.88%	12.8%
Hampshire	7.13%	7.22%	7.72%	8.09%	13.5%
Hertfordshire	7.45%	7.52%	7.88%	8.09%	8.6%

Kent	7.15%	7.23%	7.67%	7.98%	11.6%
Lancashire	6.99%	7.08%	7.56%	7.90%	13.1%
Leicestershire	7.06%	7.15%	7.64%	7.99%	13.3%
Lincolnshire	7.03%	7.13%	7.64%	8.00%	13.7%
Norfolk	7.31%	7.40%	7.89%	8.22%	12.5%
North Yorkshire	6.97%	7.05%	7.56%	7.95%	14.1%
Northamptonshire	6.85%	6.93%	7.43%	7.80%	13.9%
Nottinghamshire	7.09%	7.19%	7.66%	7.97%	12.4%
Oxfordshire	7.10%	7.18%	7.69%	8.05%	13.5%
Somerset	7.17%	7.24%	7.72%	8.11%	13.2%
Staffordshire	7.02%	7.14%	7.74%	8.14%	15.9%
Suffolk	7.29%	7.39%	7.90%	8.27%	13.5%
Surrey	7.32%	7.39%	7.86%	8.16%	11.4%
Warwickshire	7.16%	7.27%	7.84%	8.24%	15.1%
West Sussex	7.43%	7.48%	7.88%	8.17%	10.1%
Worcestershire	7.09%	7.18%	7.76%	8.20%	15.6%
North East	7.12%	7.20%	7.56%	7.83%	10.1%
North West	7.07%	7.16%	7.57%	7.85%	11.1%
Yorkshire and the Humber	7.14%	7.23%	7.63%	7.91%	10.7%
East Midlands	7.10%	7.19%	7.63%	7.95%	12.0%
West Midlands	7.33%	7.43%	7.87%	8.15%	11.2%
East of England	7.29%	7.37%	7.81%	8.11%	11.3%
South East	7.20%	7.27%	7.72%	8.03%	11.5%
South West	7.15%	7.22%	7.68%	8.05%	12.6%
London	7.10%	7.14%	7.38%	7.52%	5.9%
TOTAL OF ENGLAND	7.2%	7.3%	7.7%	7.9%	10.8%

Note: Figures may not add exactly due to rounding.

Table 4. Projected number of older people living with dementia by severity (persons)

	2019	2020	2025	2030	% growth
London Boroughs (33)					
Barking and Dagenham	1,646	1,674	1,814	2,048	24.5%
Mild	220	219	221	244	10.8%
Moderate	431	408	406	462	7.0%
Severe	994	1,048	1,187	1,342	35.1%
Barnet	4,233	4,358	5,181	6,154	45.4%
Mild	618	629	701	816	32.0%
Moderate	1,159	1,120	1,213	1,393	20.2%
Severe	2,456	2,609	3,267	3,945	60.6%
Bexley	3,240	3,303	3,716	4,209	29.9%
Mild	458	459	485	537	17.2%
Moderate	868	825	843	937	8.0%
Severe	1,914	2,018	2,387	2,735	42.9%
Brent	2,799	2,900	3,499	4,150	48.3%
Mild	408	416	462	530	30.0%
Moderate	786	766	844	976	24.2%
Severe	1,605	1,718	2,193	2,644	64.7%
Bromley	4,400	4,484	5,100	5,873	33.5%
Mild	640	642	686	773	20.8%
Moderate	1,201	1,148	1,193	1,334	11.1%
Severe	2,559	2,694	3,220	3,766	47.2%
Camden	2,075	2,142	2,585	3,099	49.3%
Mild	306	312	351	410	34.0%
Moderate	589	574	631	725	23.1%
Severe	1,180	1,256	1,603	1,964	66.4%
City of London	78	80	97	118	50.0%
Mild	12	12	13	16	30.8%
Moderate	24	23	26	30	26.8%
Severe	43	44	57	72	68.4%

Croydon	3,741	3,844	4,572	5,471	46.2%
Mild	546	554	611	708	29.6%
Moderate	1,047	1,015	1,107	1,290	23.2%
Severe	2,147	2,275	2,854	3,473	61.7%
Ealing	3,053	3,142	3,743	4,418	44.7%
Mild	447	454	500	574	28.3%
Moderate	860	834	902	1,031	19.9%
Severe	1,746	1,855	2,340	2,813	61.2%
Enfield	3,354	3,448	4,034	4,738	41.3%
Mild	480	485	529	606	26.4%
Moderate	918	885	939	1,079	17.5%
Severe	1,956	2,079	2,565	3,053	56.1%
Greenwich	2,159	2,212	2,565	3,026	40.2%
Mild	303	306	332	381	25.6%
Moderate	596	575	613	710	19.1%
Severe	1,259	1,331	1,619	1,935	53.7%
Hackney	1,449	1,496	1,774	2,115	46.0%
Mild	206	209	228	263	27.9%
Moderate	410	399	431	506	23.3%
Severe	833	889	1,115	1,346	61.7%
Hammersmith and Fulham	1,297	1,334	1,588	1,897	46.3%
Mild	190	193	212	243	27.8%
Moderate	374	364	396	455	21.8%
Severe	733	777	980	1,199	63.6%
Haringey	1,810	1,868	2,256	2,708	49.7%
Mild	264	269	297	342	29.4%
Moderate	524	512	565	657	25.5%
Severe	1,021	1,088	1,394	1,709	67.3%
Harrow	2,840	2,926	3,431	3,981	40.2%
Mild	418	425	463	524	25.2%
Moderate	791	765	819	919	16.2%
Severe	1,631	1,736	2,149	2,539	55.6%

Havering	3,883	3,968	4,444	5,014	29.1%
Mild	538	539	568	632	17.4%
Moderate	1,020	969	982	1,088	6.6%
Severe	2,324	2,460	2,893	3,295	41.7%
Hillingdon	3,020	3,105	3,627	4,231	40.1%
Mild	437	443	482	549	25.4%
Moderate	833	804	855	971	16.6%
Severe	1,749	1,858	2,289	2,711	55.0%
Hounslow	2,202	2,270	2,707	3,213	45.9%
Mild	321	325	359	413	28.8%
Moderate	628	611	668	764	21.7%
Severe	1,253	1,334	1,681	2,036	62.4%
Islington	1,451	1,488	1,738	2,056	41.6%
Mild	208	209	225	257	24.0%
Moderate	411	397	425	492	19.9%
Severe	833	883	1,088	1,306	56.7%
Kensington and Chelsea	1,571	1,634	2,015	2,439	55.2%
Mild	236	242	279	328	39.2%
Moderate	458	451	503	573	25.1%
Severe	877	942	1,233	1,537	75.3%
Kingston upon Thames	1,758	1,802	2,123	2,520	43.3%
Mild	256	259	286	333	29.9%
Moderate	487	470	508	581	19.2%
Severe	1,015	1,073	1,328	1,606	58.3%
Lambeth	1,853	1,900	2,238	2,679	44.6%
Mild	269	272	294	337	25.3%
Moderate	524	507	552	651	24.3%
Severe	1,060	1,121	1,391	1,691	59.5%
Lewisham	2,080	2,122	2,436	2,874	38.2%
Mild	296	297	316	358	20.9%
Moderate	576	553	589	690	19.8%
Severe	1,208	1,272	1,531	1,826	51.2%

Merton	1,853	1,895	2,186	2,554	37.8%
Mild	270	272	292	330	22.0%
Moderate	518	499	529	600	15.8%
Severe	1,064	1,123	1,365	1,624	52.6%
Newham	1,769	1,834	2,219	2,676	51.3%
Mild	249	253	282	329	32.4%
Moderate	504	492	546	647	28.4%
Severe	1,016	1,089	1,391	1,700	67.3%
Redbridge	2,838	2,904	3,330	3,853	35.7%
Mild	407	410	440	498	22.3%
Moderate	777	746	785	885	14.0%
Severe	1,655	1,748	2,106	2,470	49.2%
Richmond upon Thames	2,170	2,234	2,661	3,193	47.2%
Mild	318	323	362	424	33.4%
Moderate	606	588	644	741	22.3%
Severe	1,246	1,323	1,656	2,027	62.7%
Southwark	1,831	1,875	2,209	2,655	45.0%
Mild	258	260	282	326	26.2%
Moderate	511	494	543	645	26.1%
Severe	1,062	1,121	1,384	1,685	58.7%
Sutton	2,349	2,405	2,785	3,251	38.4%
Mild	338	342	371	424	25.4%
Moderate	644	620	655	743	15.3%
Severe	1,366	1,444	1,758	2,084	52.5%
Tower Hamlets	1,427	1,484	1,742	2,070	45.1%
Mild	195	197	214	248	27.1%
Moderate	394	383	410	484	22.8%
Severe	838	904	1,118	1,338	59.8%
Waltham Forest	2,230	2,284	2,634	3,060	37.2%
Mild	313	315	339	383	22.5%
Moderate	607	583	614	702	15.7%
Severe	1,310	1,387	1,681	1,975	50.7%

Wandsworth	2,103	2,151	2,516	2,956	40.6%
Mild	307	310	336	381	24.0%
Moderate	597	577	617	700	17.2%
Severe	1,198	1,264	1,563	1,875	56.5%
Westminster	2,063	2,131	2,603	3,137	52.1%
Mild	310	317	356	413	33.3%
Moderate	595	582	648	749	25.9%
Severe	1,158	1,233	1,599	1,975	70.6%
Metropolitan districts (36)	2019	2020	2025	2030	% growth
Barnsley	3,454	3,570	4,157	4,810	39.2%
Mild	480	485	531	606	26.4%
Moderate	955	922	962	1,077	12.8%
Severe	2,019	2,162	2,664	3,126	54.8%
Birmingham	11,722	11,964	13,231	14,806	26.3%
Mild	1,634	1,635	1,693	1,860	13.8%
Moderate	3,146	2,994	2,988	3,287	4.5%
Severe	6,943	7,335	8,550	9,659	39.1%
Bolton	3,438	3,540	4,133	4,786	39.2%
Mild	490	494	542	615	25.7%
Moderate	969	936	987	1,093	12.7%
Severe	1,980	2,109	2,604	3,078	55.5%
Bradford	5,886	6,024	6,933	7,970	35.4%
Mild	834	839	900	1,013	21.5%
Moderate	1,614	1,547	1,627	1,813	12.4%
Severe	3,438	3,638	4,406	5,144	49.6%
Bury	2,445	2,516	2,951	3,425	40.1%
Mild	350	354	390	443	26.5%
Moderate	686	663	701	779	13.6%
Severe	1,409	1,500	1,860	2,203	56.4%
Calderdale	2,782	2,861	3,376	3,964	42.5%
Mild	395	399	443	511	29.4%
Moderate	771	745	801	903	17.1%
Severe	1,616	1,716	2,132	2,550	57.8%

Coventry	3,882	3,974	4,462	5,042	29.9%
Mild	547	550	583	649	18.7%
Moderate	1,049	1,002	1,016	1,116	6.5%
Severe	2,286	2,422	2,863	3,277	43.3%
Doncaster	4,295	4,411	5,061	5,776	34.5%
Mild	603	608	652	732	21.3%
Moderate	1,185	1,139	1,180	1,302	9.9%
Severe	2,507	2,664	3,229	3,743	49.3%
Dudley	4,952	5,087	5,743	6,419	29.6%
Mild	698	703	748	826	18.3%
Moderate	1,357	1,301	1,302	1,406	3.6%
Severe	2,897	3,083	3,693	4,187	44.5%
Gateshead	2,913	2,983	3,371	3,780	29.8%
Mild	410	412	435	479	16.7%
Moderate	799	765	778	846	5.8%
Severe	1,703	1,807	2,157	2,456	44.2%
Kirklees	5,425	5,585	6,579	7,659	41.2%
Mild	773	783	866	991	28.1%
Moderate	1,518	1,467	1,562	1,738	14.5%
Severe	3,134	3,335	4,151	4,931	57.3%
Knowsley	1,996	2,052	2,313	2,614	31.0%
Mild	273	273	285	314	15.2%
Moderate	540	517	527	589	9.1%
Severe	1,183	1,262	1,502	1,711	44.7%
Leeds	9,021	9,214	10,432	11,804	30.9%
Mild	1,283	1,288	1,362	1,510	17.7%
Moderate	2,483	2,374	2,438	2,672	7.6%
Severe	5,255	5,552	6,632	7,622	45.0%
Liverpool	5,396	5,506	6,151	6,891	27.7%
Mild	749	748	776	848	13.2%
Moderate	1,482	1,414	1,432	1,575	6.3%
Severe	3,164	3,344	3,943	4,467	41.2%

Manchester	3,751	3,819	4,257	4,857	29.5%
Mild	520	519	539	599	15.2%
Moderate	1,031	985	1,005	1,131	9.7%
Severe	2,200	2,315	2,713	3,127	42.1%
Newcastle Upon Tyne	3,326	3,396	3,847	4,365	31.2%
Mild	468	470	499	555	18.7%
Moderate	898	857	886	979	9.0%
Severe	1,961	2,070	2,463	2,831	44.4%
North Tyneside	3,024	3,108	3,585	4,149	37.2%
Mild	428	431	465	526	23.0%
Moderate	828	798	844	944	14.0%
Severe	1,768	1,879	2,277	2,679	51.5%
Oldham	2,739	2,813	3,263	3,756	37.1%
Mild	384	387	421	476	23.9%
Moderate	761	733	766	847	11.3%
Severe	1,593	1,693	2,076	2,432	52.7%
Rochdale	2,576	2,650	3,057	3,515	36.5%
Mild	362	365	395	447	23.4%
Moderate	715	690	721	799	11.6%
Severe	1,499	1,595	1,941	2,270	51.5%
Rotherham	3,770	3,885	4,498	5,135	36.2%
Mild	527	534	581	654	24.0%
Moderate	1,043	1,006	1,043	1,142	9.6%
Severe	2,200	2,345	2,874	3,339	51.7%
Salford	2,716	2,770	3,108	3,518	29.5%
Mild	378	377	399	444	17.5%
Moderate	742	708	719	795	7.1%
Severe	1,596	1,685	1,990	2,279	42.8%
Sandwell	4,040	4,148	4,551	5,051	25.0%
Mild	542	542	560	612	13.0%
Moderate	1,069	1,018	991	1,087	1.7%
Severe	2,429	2,589	3,001	3,351	38.0%

Sefton	4,902	5,009	5,690	6,437	31.3%
Mild	703	707	750	832	18.3%
Moderate	1,327	1,268	1,306	1,434	8.1%
Severe	2,872	3,034	3,634	4,171	45.3%
Sheffield	7,201	7,368	8,289	9,289	29.0%
Mild	1,019	1,024	1,084	1,195	17.3%
Moderate	1,954	1,866	1,885	2,049	4.9%
Severe	4,229	4,478	5,321	6,045	43.0%
Solihull	3,470	3,554	4,044	4,606	32.8%
Mild	496	500	538	605	22.1%
Moderate	937	897	920	1,013	8.1%
Severe	2,037	2,157	2,587	2,988	46.7%
South Tyneside	2,308	2,358	2,669	3,036	31.5%
Mild	319	320	338	376	18.0%
Moderate	620	592	615	684	10.3%
Severe	1,369	1,446	1,716	1,975	44.3%
St. Helens	2,620	2,700	3,149	3,605	37.6%
Mild	372	376	412	464	24.7%
Moderate	737	712	741	811	10.0%
Severe	1,511	1,611	1,995	2,330	54.2%
Stockport	4,245	4,351	5,022	5,764	35.8%
Mild	620	626	678	763	23.1%
Moderate	1,178	1,134	1,186	1,308	11.1%
Severe	2,447	2,591	3,158	3,692	50.9%
Sunderland	3,880	3,988	4,572	5,187	33.7%
Mild	544	546	582	647	19.1%
Moderate	1,078	1,038	1,079	1,182	9.6%
Severe	2,258	2,404	2,912	3,357	48.7%
Tameside	2,846	2,936	3,413	3,953	38.9%
Mild	398	402	440	501	25.9%
Moderate	794	766	800	895	12.7%
Severe	1,654	1,768	2,173	2,557	54.6%

Trafford	3,098	3,172	3,622	4,165	34.5%
Mild	448	451	484	543	21.2%
Moderate	845	810	844	945	11.8%
Severe	1,805	1,911	2,295	2,677	48.3%
Wakefield	4,735	4,883	5,694	6,582	39.0%
Mild	661	668	732	835	26.3%
Moderate	1,310	1,265	1,326	1,475	12.6%
Severe	2,764	2,950	3,636	4,272	54.6%
Walsall	4,003	4,110	4,615	5,137	28.3%
Mild	555	558	589	647	16.5%
Moderate	1,076	1,026	1,019	1,105	2.7%
Severe	2,371	2,526	3,007	3,385	42.7%
Wigan	4,252	4,405	5,197	6,039	42.0%
Mild	597	606	673	771	29.2%
Moderate	1,206	1,171	1,230	1,368	13.4%
Severe	2,448	2,627	3,293	3,900	59.3%
Wirral	5,045	5,155	5,913	6,797	34.7%
Mild	727	732	786	886	21.8%
Moderate	1,395	1,340	1,398	1,545	10.8%
Severe	2,923	3,084	3,728	4,366	49.4%
Wolverhampton	3,510	3,583	3,953	4,400	25.4%
Mild	488	487	505	554	13.6%
Moderate	935	887	875	954	2.0%
Severe	2,087	2,209	2,573	2,892	38.6%
Unitary authorities (56)	2019	2020	2025	2030	% growth
Bath and North East Somerset	2,698	2,756	3,172	3,670	36.0%
Mild	393	396	430	489	24.4%
Moderate	741	711	744	826	11.4%
Severe	1,564	1,648	1,997	2,355	50.6%
Bedford	2,256	2,329	2,766	3,280	45.4%
Mild	326	331	369	431	32.1%
Moderate	618	597	643	738	19.3%
Severe	1,312	1,401	1,754	2,111	61.0%

Blackburn with Darwen	1,480	1,515	1,735	1,993	34.7%
Mild	210	210	225	252	20.1%
Moderate	418	404	422	466	11.5%
Severe	852	901	1,089	1,275	49.7%
Blackpool	2,132	2,167	2,385	2,646	24.1%
Mild	298	298	310	338	13.4%
Moderate	580	552	548	589	1.5%
Severe	1,253	1,318	1,527	1,719	37.1%
Bournemouth, Christchurch and Poole	6,796	6,929	7,861	9,068	33.4%
Mild	977	982	1,055	1,204	23.2%
Moderate	1,819	1,735	1,796	2,009	10.5%
Severe	4,000	4,212	5,009	5,855	46.4%
Bracknell Forest	1,249	1,294	1,573	1,899	52.1%
Mild	180	183	208	245	36.5%
Moderate	350	342	380	443	26.5%
Severe	719	769	986	1,212	68.4%
Brighton and Hove	2,945	2,988	3,333	3,844	30.5%
Mild	421	421	443	501	19.0%
Moderate	797	759	777	881	10.6%
Severe	1,728	1,809	2,112	2,462	42.5%
Bristol	4,653	4,734	5,277	5,972	28.4%
Mild	656	657	689	767	17.1%
Moderate	1,252	1,193	1,213	1,335	6.6%
Severe	2,745	2,884	3,376	3,870	41.0%
Central Bedfordshire	3,461	3,593	4,406	5,334	54.1%
Mild	503	513	587	695	38.4%
Moderate	991	969	1,074	1,245	25.6%
Severe	1,967	2,111	2,745	3,394	72.5%
Cheshire East	6,393	6,604	7,852	9,230	44.4%
Mild	928	944	1,061	1,230	32.7%
Moderate	1,758	1,702	1,819	2,045	16.3%
Severe	3,707	3,959	4,971	5,955	60.6%

Cheshire West and Chester	5,161	5,304	6,239	7,262	40.7%
Mild	747	756	835	954	27.7%
Moderate	1,437	1,387	1,470	1,638	13.9%
Severe	2,977	3,160	3,934	4,671	56.9%
Cornwall	9,738	10,024	11,860	13,904	42.8%
Mild	1,411	1,431	1,594	1,842	30.6%
Moderate	2,734	2,649	2,830	3,150	15.2%
Severe	5,594	5,945	7,436	8,912	59.3%
Darlington	1,572	1,614	1,880	2,170	38.0%
Mild	225	228	249	282	25.4%
Moderate	432	415	438	486	12.5%
Severe	915	971	1,193	1,402	53.2%
Derby	3,258	3,328	3,758	4,290	31.7%
Mild	460	463	491	550	19.6%
Moderate	872	831	853	951	9.0%
Severe	1,926	2,035	2,414	2,789	44.8%
Dorset	7,802	8,019	9,406	10,982	40.7%
Mild	1,144	1,159	1,280	1,473	28.8%
Moderate	2,159	2,085	2,216	2,470	14.4%
Severe	4,499	4,775	5,910	7,039	56.5%
Durham	7,683	7,919	9,227	10,618	38.2%
Mild	1,087	1,100	1,202	1,360	25.2%
Moderate	2,154	2,083	2,178	2,403	11.6%
Severe	4,442	4,736	5,847	6,855	54.3%
East Riding of Yorkshire	6,097	6,288	7,445	8,648	41.8%
Mild	883	896	996	1,137	28.7%
Moderate	1,716	1,663	1,769	1,957	14.0%
Severe	3,498	3,728	4,680	5,555	58.8%
Halton	1,591	1,650	1,969	2,308	45.1%
Mild	223	226	251	290	30.0%
Moderate	452	440	473	530	17.2%
Severe	915	984	1,245	1,488	62.6%

Hartlepool	1,399	1,442	1,660	1,890	35.1%
Mild	196	198	212	238	21.3%
Moderate	378	362	374	416	10.2%
Severe	826	882	1,074	1,236	49.7%
Herefordshire	3,331	3,428	4,041	4,730	42.0%
Mild	486	494	548	631	29.9%
Moderate	929	899	956	1,069	15.1%
Severe	1,916	2,035	2,537	3,030	58.1%
Isle of Wight	2,802	2,875	3,356	3,919	39.9%
Mild	404	408	451	520	29.0%
Moderate	775	748	791	882	13.8%
Severe	1,624	1,720	2,114	2,517	55.0%
Isles of Scilly	39	39	43	49	26.8%
Mild	6	6	6	7	17.3%
Moderate	11	10	11	11	4.8%
Severe	22	23	27	31	40.2%
Kingston upon Hull	2,983	3,047	3,402	3,834	28.5%
Mild	407	406	424	470	15.4%
Moderate	814	775	783	863	6.1%
Severe	1,763	1,867	2,194	2,500	41.9%
Leicester	3,311	3,402	3,885	4,473	35.1%
Mild	453	454	484	548	21.1%
Moderate	887	849	884	996	12.3%
Severe	1,971	2,098	2,517	2,928	48.5%
Luton	2,086	2,146	2,471	2,829	35.6%
Mild	295	299	321	359	21.5%
Moderate	565	542	558	627	11.0%
Severe	1,226	1,305	1,592	1,843	50.4%
Medway	3,170	3,274	3,914	4,635	46.2%
Mild	449	454	509	591	31.6%
Moderate	887	860	930	1,059	19.4%
Severe	1,835	1,961	2,475	2,985	62.7%

Middlesbrough	1,690	1,731	1,965	2,239	32.5%
Mild	238	239	252	281	18.1%
Moderate	464	446	460	510	9.8%
Severe	987	1,046	1,252	1,448	46.6%
Milton Keynes	2,575	2,687	3,412	4,242	64.7%
Mild	368	377	446	545	48.2%
Moderate	731	719	829	980	34.1%
Severe	1,477	1,591	2,137	2,717	84.0%
North East Lincolnshire	2,463	2,529	2,881	3,261	32.4%
Mild	345	348	372	416	20.4%
Moderate	667	639	652	715	7.3%
Severe	1,452	1,542	1,857	2,130	46.7%
North Lincolnshire	2,647	2,737	3,208	3,731	40.9%
Mild	370	376	415	477	28.9%
Moderate	726	703	740	828	14.1%
Severe	1,551	1,658	2,052	2,426	56.4%
North Somerset	3,814	3,936	4,709	5,574	46.2%
Mild	556	567	640	748	34.7%
Moderate	1,050	1,018	1,097	1,236	17.7%
Severe	2,208	2,351	2,972	3,590	62.6%
Northumberland	5,419	5,603	6,686	7,835	44.6%
Mild	781	795	888	1,024	31.1%
Moderate	1,526	1,481	1,594	1,779	16.6%
Severe	3,112	3,327	4,203	5,032	61.7%
Nottingham	3,012	3,066	3,406	3,870	28.5%
Mild	414	414	430	480	15.9%
Moderate	806	767	778	871	8.1%
Severe	1,791	1,885	2,198	2,519	40.6%
Peterborough	2,190	2,249	2,613	3,048	39.2%
Mild	311	314	340	390	25.6%
Moderate	600	577	609	689	14.9%
Severe	1,279	1,358	1,663	1,969	53.9%

Plymouth	3,512	3,603	4,167	4,770	35.8%
Mild	502	507	551	621	23.6%
Moderate	967	929	971	1,066	10.2%
Severe	2,042	2,166	2,645	3,083	51.0%
Portsmouth	2,309	2,358	2,682	3,092	33.9%
Mild	325	326	350	396	22.2%
Moderate	623	596	622	699	12.2%
Severe	1,361	1,436	1,710	1,996	46.6%
Reading	1,517	1,554	1,799	2,101	38.5%
Mild	218	220	239	274	25.5%
Moderate	415	399	419	475	14.3%
Severe	883	935	1,141	1,352	53.1%
Redcar and Cleveland	2,203	2,270	2,628	2,995	36.0%
Mild	313	316	345	386	23.2%
Moderate	611	588	611	667	9.2%
Severe	1,279	1,365	1,672	1,942	51.9%
Rutland	701	725	872	1,033	47.2%
Mild	103	105	120	140	35.7%
Moderate	194	188	203	228	17.7%
Severe	405	432	549	665	64.3%
Shropshire	5,532	5,718	6,824	8,072	45.9%
Mild	801	815	918	1,069	33.4%
Moderate	1,542	1,498	1,605	1,810	17.4%
Severe	3,190	3,405	4,301	5,193	62.8%
Slough	1,080	1,113	1,292	1,517	40.4%
Mild	152	154	165	190	24.6%
Moderate	297	287	307	354	19.0%
Severe	631	672	820	973	54.3%
Southampton	2,605	2,648	2,965	3,380	29.8%
Mild	364	364	383	431	18.4%
Moderate	700	667	682	758	8.3%
Severe	1,540	1,617	1,899	2,191	42.2%

Southend-on-Sea	2,760	2,824	3,240	3,763	36.4%
Mild	389	392	427	491	26.2%
Moderate	740	709	737	829	12.0%
Severe	1,630	1,722	2,075	2,442	49.8%
South Gloucestershire	3,895	4,016	4,755	5,558	42.7%
Mild	567	577	639	735	29.7%
Moderate	1,079	1,044	1,107	1,244	15.2%
Severe	2,248	2,396	3,009	3,579	59.2%
Stockton-on-Tees	2,582	2,664	3,140	3,650	41.4%
Mild	371	375	411	468	26.4%
Moderate	717	693	739	829	15.5%
Severe	1,494	1,596	1,990	2,353	57.5%
Stoke-on-Trent	3,250	3,345	3,767	4,239	30.4%
Mild	442	443	470	523	18.4%
Moderate	892	857	864	941	5.5%
Severe	1,917	2,045	2,433	2,775	44.8%
Swindon	2,600	2,697	3,245	3,908	50.3%
Mild	371	377	423	501	35.1%
Moderate	719	699	764	892	24.0%
Severe	1,510	1,621	2,057	2,516	66.6%
Telford and Wrekin	2,062	2,148	2,595	3,081	49.4%
Mild	294	300	339	397	35.1%
Moderate	587	574	619	701	19.4%
Severe	1,182	1,274	1,636	1,983	67.8%
Thurrock	1,759	1,812	2,105	2,460	39.8%
Mild	241	243	266	306	26.7%
Moderate	486	468	490	556	14.4%
Severe	1,032	1,101	1,349	1,598	54.8%
Torbay	2,674	2,737	3,175	3,682	37.7%
Mild	384	388	426	488	27.2%
Moderate	730	701	734	816	11.9%
Severe	1,560	1,648	2,015	2,378	52.4%

Warrington	2,704	2,798	3,346	3,959	46.4%
Mild	389	396	445	515	32.3%
Moderate	765	744	798	903	18.1%
Severe	1,550	1,659	2,103	2,541	63.9%
West Berkshire	2,036	2,112	2,584	3,109	52.7%
Mild	299	305	350	412	38.1%
Moderate	581	568	628	717	23.4%
Severe	1,157	1,238	1,606	1,980	71.1%
Wiltshire	7,634	7,896	9,539	11,422	49.6%
Mild	1,115	1,138	1,293	1,522	36.5%
Moderate	2,128	2,069	2,260	2,585	21.5%
Severe	4,391	4,690	5,986	7,315	66.6%
Windsor and Maidenhead	2,134	2,196	2,582	3,021	41.6%
Mild	311	316	351	404	29.7%
Moderate	581	559	592	666	14.6%
Severe	1,241	1,320	1,640	1,951	57.2%
Wokingham	2,072	2,147	2,618	3,122	50.6%
Mild	308	314	358	417	35.6%
Moderate	583	568	622	707	21.4%
Severe	1,182	1,265	1,638	1,997	69.0%
York	2,823	2,891	3,343	3,860	36.7%
Mild	408	413	448	506	24.0%
Moderate	777	748	784	870	12.0%
Severe	1,637	1,731	2,111	2,483	51.7%
County councils (26)	2019	2020	2025	2030	% growth
Buckinghamshire	7,437	7,692	9,218	10,881	46.3%
Mild	1,090	1,112	1,249	1,445	32.6%
Moderate	2,058	1,998	2,160	2,444	18.8%
Severe	4,290	4,582	5,808	6,992	63.0%
Cambridgeshire	9,094	9,397	11,238	13,347	46.8%
Mild	1,307	1,332	1,503	1,760	34.6%
Moderate	2,510	2,434	2,624	2,988	19.1%
Severe	5,277	5,631	7,111	8,600	63.0%

Cumbria	8,578	8,790	10,177	11,654	35.9%
Mild	1,237	1,248	1,362	1,535	24.1%
Moderate	2,383	2,292	2,389	2,615	9.8%
Severe	4,958	5,250	6,426	7,504	51.4%
Derbyshire	12,372	12,763	15,064	17,633	42.5%
Mild	1,753	1,777	1,975	2,282	30.2%
Moderate	3,435	3,323	3,525	3,950	15.0%
Severe	7,185	7,663	9,563	11,400	58.7%
Devon	14,516	14,906	17,387	20,280	39.7%
Mild	2,107	2,133	2,352	2,706	28.4%
Moderate	4,004	3,863	4,083	4,550	13.6%
Severe	8,404	8,909	10,952	13,025	55.0%
East Sussex	10,867	11,150	13,034	15,326	41.0%
Mild	1,562	1,581	1,751	2,031	30.0%
Moderate	2,949	2,838	3,016	3,416	15.8%
Severe	6,356	6,730	8,267	9,879	55.4%
Essex	22,925	23,622	27,726	32,346	41.1%
Mild	3,263	3,306	3,657	4,207	28.9%
Moderate	6,286	6,062	6,399	7,175	14.1%
Severe	13,376	14,253	17,670	20,964	56.7%
Gloucestershire	9,634	9,924	11,821	14,037	45.7%
Mild	1,403	1,425	1,593	1,857	32.3%
Moderate	2,685	2,603	2,817	3,199	19.2%
Severe	5,546	5,896	7,410	8,981	61.9%
Hampshire	21,669	22,375	26,734	31,636	46.0%
Mild	3,158	3,214	3,614	4,206	33.2%
Moderate	5,986	5,800	6,267	7,095	18.5%
Severe	12,525	13,361	16,853	20,334	62.3%
Hertfordshire	15,554	15,981	18,712	21,897	40.8%
Mild	2,247	2,276	2,498	2,868	27.7%
Moderate	4,222	4,060	4,312	4,895	16.0%
Severe	9,085	9,645	11,902	14,134	55.6%

Kent	23,247	23,944	28,323	33,396	43.7%
Mild	3,336	3,383	3,773	4,382	31.4%
Moderate	6,416	6,202	6,633	7,508	17.0%
Severe	13,495	14,360	17,917	21,506	59.4%
Lancashire	17,613	18,096	21,064	24,327	38.1%
Mild	2,533	2,561	2,802	3,182	25.6%
Moderate	4,905	4,733	4,974	5,498	12.1%
Severe	10,174	10,803	13,288	15,648	53.8%
Leicestershire	10,259	10,590	12,552	14,770	44.0%
Mild	1,465	1,488	1,661	1,928	31.6%
Moderate	2,835	2,744	2,933	3,308	16.7%
Severe	5,959	6,358	7,958	9,534	60.0%
Lincolnshire	12,689	13,093	15,389	17,942	41.4%
Mild	1,812	1,838	2,035	2,338	29.0%
Moderate	3,531	3,416	3,599	4,017	13.8%
Severe	7,346	7,840	9,756	11,586	57.7%
Norfolk	16,329	16,774	19,422	22,368	37.0%
Mild	2,337	2,362	2,585	2,944	26.0%
Moderate	4,478	4,308	4,473	4,942	10.4%
Severe	9,514	10,103	12,364	14,482	52.2%
North Yorkshire	10,527	10,833	12,825	15,002	42.5%
Mild	1,534	1,558	1,733	1,989	29.6%
Moderate	2,941	2,847	3,042	3,397	15.5%
Severe	6,052	6,428	8,049	9,617	58.9%
Northamptonshire	9,469	9,799	11,862	14,288	50.9%
Mild	1,348	1,371	1,563	1,856	37.7%
Moderate	2,653	2,581	2,821	3,248	22.4%
Severe	5,468	5,846	7,478	9,184	68.0%
Nottinghamshire	12,362	12,745	14,968	17,432	41.0%
Mild	1,756	1,779	1,964	2,255	28.4%
Moderate	3,424	3,309	3,493	3,905	14.0%
Severe	7,183	7,657	9,510	11,273	56.9%

Oxfordshire	9,118	9,405	11,228	13,319	46.1%
Mild	1,332	1,356	1,524	1,774	33.2%
Moderate	2,528	2,451	2,642	2,999	18.6%
Severe	5,257	5,598	7,062	8,545	62.5%
Somerset	10,001	10,298	12,164	14,338	43.4%
Mild	1,445	1,466	1,637	1,905	31.9%
Moderate	2,753	2,661	2,842	3,205	16.4%
Severe	5,803	6,171	7,685	9,227	59.0%
Staffordshire	13,647	14,115	16,716	19,465	42.6%
Mild	1,949	1,981	2,212	2,544	30.5%
Moderate	3,803	3,687	3,892	4,320	13.6%
Severe	7,894	8,446	10,612	12,601	59.6%
Suffolk	13,171	13,579	16,020	18,769	42.5%
Mild	1,885	1,913	2,134	2,472	31.2%
Moderate	3,609	3,483	3,692	4,143	14.8%
Severe	7,678	8,183	10,194	12,154	58.3%
Surrey	16,950	17,388	20,362	23,818	40.5%
Mild	2,489	2,522	2,779	3,194	28.3%
Moderate	4,639	4,464	4,736	5,331	14.9%
Severe	9,822	10,403	12,846	15,293	55.7%
Warwickshire	8,712	8,989	10,607	12,403	42.4%
Mild	1,252	1,272	1,419	1,641	31.0%
Moderate	2,401	2,322	2,455	2,743	14.2%
Severe	5,059	5,394	6,733	8,020	58.5%
West Sussex	14,968	15,370	18,015	21,178	41.5%
Mild	2,172	2,201	2,433	2,816	29.7%
Moderate	4,072	3,922	4,181	4,733	16.2%
Severe	8,724	9,246	11,400	13,628	56.2%
Worcestershire	9,632	9,925	11,714	13,696	42.2%
Mild	1,385	1,406	1,569	1,813	30.9%
Moderate	2,662	2,574	2,726	3,040	14.2%
Severe	5,585	5,944	7,419	8,842	58.3%

TOTAL OF ENGLAND	747,962	769,204	898,467	1,046,138	39.9%
Mild	107,084	108,349	118,945	136,142	27.1%
Moderate	206,277	198,928	210,080	235,571	14.2%
Severe	434,600	461,926	569,442	674,424	55.2%

Notes:

1. Figures may not add exactly due to rounding.

2. Identification of dementia was based on the well-established AGECAT algorithm, severity of dementia was measured by the Mini-Mental State Examination score (mild dementia = 21-26; moderate dementia = 10-20; and severe dementia = 0-10)

Table 5. Projected costs of dementia by type of care (in £million, 2015 prices)

London Boroughs (33)	2019	2020	2025	2030	% growth
Barking and Dagenham	75	78	92	113	51.2%
Healthcare	9.2	9.4	10.8	13.1	42.4%
Social care	39.5	42.1	49.5	60.6	53.4%
Unpaid care	25.6	26.5	30.9	38.5	50.4%
Other	0.3	0.5	0.5	0.7	97.4%
Barnet	190	201	259	338	78.2%
Healthcare	23.5	24.3	30.6	39.5	67.8%
Social care	99.6	107.0	139.2	182.6	83.3%
Unpaid care	65.6	68.7	87.6	113.8	73.4%
Other	0.9	1.2	1.5	2.0	130.6%
Bexley	146	154	187	232	59.0%
Healthcare	18.1	18.5	22.1	27.1	49.8%
Social care	77.1	82.2	101.3	126.0	63.4%
Unpaid care	50.2	52.0	62.6	77.8	54.9%
Other	0.7	0.9	1.1	1.4	106.0%
Brent	124	133	174	226	81.9%
Healthcare	15.4	16.0	20.5	26.4	71.1%
Social care	64.4	69.8	92.4	120.5	87.0%
Unpaid care	44.0	46.4	60.0	78.2	77.6%
Other	0.6	0.8	1.0	1.3	135.1%
Bromley	197	207	255	322	63.4%
Healthcare	24.5	25.0	30.1	37.7	53.9%
Social care	103.7	110.4	137.2	174.1	67.9%
Unpaid care	68.2	70.7	86.2	108.8	59.5%
Other	0.9	1.2	1.5	1.9	111.7%
Camden	92	98	128	169	83.7%
Healthcare	11.4	11.8	15.1	19.8	72.9%
Social care	47.6	51.3	68.0	90.4	89.8%
Unpaid care	32.6	34.2	44.2	57.9	77.8%
Other	0.4	0.6	0.8	1.0	136.9%

City of London	3	4	5	6	84.4%
Healthcare	0.4	0.4	0.6	0.7	73.1%
Social care	1.7	1.8	2.4	3.2	89.6%
Unpaid care	1.3	1.3	1.7	2.3	80.6%
Other	0.0	0.0	0.0	0.0	137.9%
Croydon	167	176	227	298	79.1%
Healthcare	20.7	21.3	26.8	34.8	68.5%
Social care	86.5	92.7	120.6	158.9	83.6%
Unpaid care	58.6	61.3	78.2	102.8	75.5%
Other	0.8	1.0	1.3	1.8	131.9%
Ealing	136	144	186	241	77.8%
Healthcare	16.8	17.4	22.0	28.2	67.3%
Social care	70.2	75.5	98.8	128.7	83.3%
Unpaid care	48.0	50.2	64.1	82.9	72.8%
Other	0.6	0.8	1.1	1.4	129.5%
Enfield	150	159	202	260	73.2%
Healthcare	18.6	19.2	23.8	30.4	63.1%
Social care	78.6	84.6	108.5	140.1	78.2%
Unpaid care	52.3	54.7	68.5	88.2	68.6%
Other	0.7	0.9	1.2	1.5	124.1%
Greenwich	97	102	128	165	71.2%
Healthcare	12.0	12.3	15.1	19.3	61.1%
Social care	50.3	53.8	68.0	88.0	74.9%
Unpaid care	33.9	35.3	44.0	57.1	68.5%
Other	0.4	0.6	0.7	1.0	122.3%
Hackney	64	69	88	115	79.0%
Healthcare	8.0	8.2	10.4	13.4	68.3%
Social care	33.0	35.7	46.4	60.7	83.8%
Unpaid care	23.0	24.2	30.8	40.3	75.0%
Other	0.3	0.4	0.5	0.7	131.6%
Hammersmith and Fulham	57	61	78	103	80.2%
Healthcare	7.1	7.3	9.3	12.1	69.4%
Social care	29.5	31.6	41.4	54.9	86.3%
Unpaid care	20.5	21.4	27.3	35.7	74.4%
Other	0.3	0.4	0.5	0.6	132.0%

Haringey	80	85	111	147	84.1%
Healthcare	9.9	10.2	13.1	17.1	73.1%
Social care	40.8	44.0	58.5	77.5	89.9%
Unpaid care	28.8	30.2	39.1	51.5	79.1%
Other	0.4	0.5	0.7	0.9	137.4%
Harrow	127	134	171	218	72.0%
Healthcare	15.7	16.2	20.2	25.4	61.9%
Social care	65.8	70.9	91.0	116.5	77.1%
Unpaid care	44.4	46.6	58.5	74.4	67.4%
Other	0.6	0.8	1.0	1.3	122.3%
Havering	176	186	225	278	58.0%
Healthcare	21.8	22.3	26.5	32.5	48.9%
Social care	93.4	100.0	122.6	151.8	62.4%
Unpaid care	60.0	62.2	74.5	92.2	53.8%
Other	0.8	1.1	1.3	1.6	104.8%
Hillingdon	135	143	181	232	71.7%
Healthcare	16.7	17.2	21.4	27.0	61.7%
Social care	70.3	75.6	96.7	124.1	76.6%
Unpaid care	47.3	49.4	61.8	79.1	67.4%
Other	0.6	0.8	1.1	1.4	122.2%
Hounslow	98	104	134	175	79.3%
Healthcare	12.1	12.5	15.8	20.4	68.6%
Social care	50.2	54.0	70.6	92.7	84.8%
Unpaid care	34.8	36.5	46.7	60.7	74.3%
Other	0.4	0.6	0.8	1.0	131.4%
Islington	64	68	86	112	73.5%
Healthcare	8.0	8.2	10.2	13.0	63.2%
Social care	33.2	35.6	45.5	59.1	78.0%
Unpaid care	23.0	24.0	30.1	39.0	70.0%
Other	0.3	0.4	0.5	0.7	124.6%
Kensington and Chelsea	69	74	99	133	92.3%
Healthcare	8.6	8.9	11.7	15.5	80.8%
Social care	35.3	38.4	52.3	70.9	100.9%
Unpaid care	24.9	26.3	34.6	45.6	83.2%
Other	0.3	0.4	0.6	0.8	146.2%

Kingston upon Thames	79	83	106	138	75.6%
Healthcare	9.7	10.0	12.5	16.1	65.3%
Social care	41.0	43.9	56.4	74.1	80.5%
Unpaid care	27.4	28.6	36.1	46.9	71.3%
Other	0.4	0.5	0.6	0.8	127.3%
Lambeth	82	87	111	145	76.7%
Healthcare	10.2	10.5	13.1	17.0	66.1%
Social care	42.5	45.5	58.5	76.6	80.2%
Unpaid care	29.2	30.5	38.6	51.0	74.6%
Other	0.4	0.5	0.7	0.9	129.3%
Lewisham	93	98	121	156	68.3%
Healthcare	11.5	11.8	14.3	18.2	58.2%
Social care	48.4	51.6	64.3	82.7	70.8%
Unpaid care	32.6	33.9	41.9	54.6	67.4%
Other	0.4	0.6	0.7	0.9	119.1%
Merton	83	87	109	139	68.9%
Healthcare	10.2	10.5	12.8	16.3	58.9%
Social care	42.9	45.8	57.8	74.5	73.5%
Unpaid care	29.0	30.2	37.3	47.8	65.1%
Other	0.4	0.5	0.6	0.8	118.6%
Newham	78	84	110	145	85.2%
Healthcare	9.7	10.1	12.9	16.9	74.1%
Social care	40.1	43.5	57.5	76.0	89.6%
Unpaid care	28.3	29.8	38.8	51.4	82.0%
Other	0.4	0.5	0.6	0.9	140.0%
Redbridge	127	134	166	211	65.9%
Healthcare	15.8	16.2	19.6	24.6	56.2%
Social care	66.6	71.1	88.9	113.0	69.8%
Unpaid care	44.3	46.1	56.8	72.1	62.8%
Other	0.6	0.8	1.0	1.2	115.3%
Richmond upon Thames	97	103	132	175	80.4%
Healthcare	12.0	12.4	15.6	20.4	69.8%
Social care	50.6	54.3	70.5	93.8	85.5%
Unpaid care	33.7	35.4	45.2	59.3	75.8%
Other	0.4	0.6	0.8	1.0	133.4%

Southwark	82	86	110	144	76.7%
Healthcare	10.1	10.4	12.9	16.8	66.1%
Social care	42.3	45.2	57.8	76.0	79.5%
Unpaid care	28.8	30.1	38.2	50.7	75.6%
Other	0.4	0.5	0.6	0.9	130.0%
Sutton	105	111	139	178	69.5%
Healthcare	13.0	13.4	16.4	20.8	59.6%
Social care	55.0	58.9	74.5	95.8	74.1%
Unpaid care	36.6	38.1	47.3	60.5	65.3%
Other	0.5	0.6	0.8	1.0	119.5%
Tower Hamlets	64	69	87	113	77.4%
Healthcare	7.9	8.2	10.2	13.2	67.0%
Social care	33.0	36.0	46.2	59.9	81.7%
Unpaid care	22.7	24.0	30.2	39.5	74.1%
Other	0.3	0.4	0.5	0.7	130.1%
Waltham Forest	100	106	132	168	67.7%
Healthcare	12.4	12.7	15.6	19.6	57.9%
Social care	52.4	56.1	70.7	90.0	71.7%
Unpaid care	34.9	36.4	45.0	57.4	64.5%
Other	0.5	0.6	0.8	1.0	117.6%
Wandsworth	93	98	125	161	72.7%
Healthcare	11.6	11.9	14.7	18.8	62.5%
Social care	48.2	51.5	66.1	85.9	78.0%
Unpaid care	33.0	34.4	43.1	55.5	68.0%
Other	0.4	0.6	0.7	0.9	123.0%
Westminster	91	97	128	170	87.3%
Healthcare	11.3	11.7	15.2	19.9	76.1%
Social care	46.7	50.3	67.6	90.4	93.6%
Unpaid care	32.6	34.3	44.9	59.2	81.5%
Other	0.4	0.6	0.8	1.0	141.2%

Metropolitan districts (36)	2019	2020	2025	2030	% growth
Barnsley	126	134	168	213	69.7%
Healthcare	19.1	19.8	24.5	30.9	61.5%
Social care	51.3	55.6	71.3	91.0	77.5%
Unpaid care	54.6	57.4	71.3	89.9	64.6%
Other	0.7	1.0	1.2	1.5	120.8%
Birmingham	459	483	577	706	53.9%
Healthcare	65.4	66.9	78.6	95.3	45.8%
Social care	208.3	222.7	270.1	331.2	59.0%
Unpaid care	182.9	189.8	224.3	275.3	50.5%
Other	2.4	3.2	3.9	4.7	100.3%
Bolton	128	136	171	218	70.2%
Healthcare	18.9	19.5	24.3	30.6	61.8%
Social care	53.8	58.0	74.6	95.9	78.4%
Unpaid care	54.4	57.0	70.9	89.5	64.3%
Other	0.7	1.0	1.2	1.5	120.8%
Bradford	214	226	280	353	64.7%
Healthcare	32.7	33.5	40.9	51.1	56.3%
Social care	88.3	94.6	118.8	150.4	70.4%
Unpaid care	92.1	95.9	118.2	148.8	61.6%
Other	1.2	1.6	2.0	2.6	114.7%
Bury	91	96	122	156	71.2%
Healthcare	13.5	13.9	17.4	21.9	62.7%
Social care	38.4	41.4	53.5	68.9	79.2%
Unpaid care	38.5	40.3	50.4	63.8	65.5%
Other	0.5	0.7	0.9	1.1	122.1%
Calderdale	101	107	136	175	73.5%
Healthcare	15.4	15.9	19.9	25.4	64.8%
Social care	41.5	44.6	57.6	74.8	80.3%
Unpaid care	43.6	45.6	57.6	73.8	69.4%
Other	0.6	0.8	1.0	1.3	126.0%

Coventry	152	160	194	240	58.5%
Healthcare	21.6	22.2	26.5	32.5	50.2%
Social care	68.7	73.7	90.8	112.9	64.3%
Unpaid care	60.6	63.0	75.6	93.4	54.2%
Other	0.8	1.1	1.3	1.6	106.0%
Doncaster	156	165	205	256	63.8%
Healthcare	23.8	24.5	29.9	37.1	55.8%
Social care	64.0	68.9	86.7	109.2	70.7%
Unpaid care	67.6	70.6	86.5	107.9	59.5%
Other	0.9	1.2	1.5	1.9	113.3%
Dudley	193	204	250	306	58.7%
Healthcare	27.5	28.3	34.1	41.4	50.7%
Social care	86.7	93.4	116.8	144.2	66.3%
Unpaid care	77.9	81.3	97.4	118.7	52.5%
Other	1.0	1.4	1.7	2.1	105.6%
Gateshead	110	116	141	174	58.4%
Healthcare	16.1	16.6	19.9	24.3	50.4%
Social care	47.2	50.7	63.0	77.9	65.0%
Unpaid care	45.8	47.7	57.5	70.5	53.8%
Other	0.6	0.8	1.0	1.2	105.8%
Kirklees	197	208	265	339	72.2%
Healthcare	30.0	30.9	38.7	49.1	63.9%
Social care	80.3	86.5	112.0	144.6	80.2%
Unpaid care	85.5	89.5	112.4	142.7	66.9%
Other	1.1	1.5	1.9	2.5	123.9%
Knowsley	75	79	97	119	59.5%
Healthcare	11.1	11.4	13.7	16.8	51.1%
Social care	32.0	34.5	42.6	52.6	64.5%
Unpaid care	31.4	32.8	39.6	49.2	56.7%
Other	0.4	0.6	0.7	0.8	107.8%
Leeds	328	345	421	523	59.3%
Healthcare	50.0	51.2	61.6	75.7	51.4%
Social care	134.8	144.3	179.0	223.3	65.6%
Unpaid care	141.4	146.8	177.5	219.8	55.5%
Other	1.8	2.5	3.0	3.8	107.5%

Liverpool	202	212	256	314	55.5%
Healthcare	29.9	30.6	36.3	44.1	47.4%
Social care	85.7	91.6	112.1	137.7	60.7%
Unpaid care	85.2	88.4	105.6	129.9	52.5%
Other	1.1	1.5	1.8	2.2	102.5%
Manchester	140	147	177	221	57.4%
Healthcare	20.8	21.2	25.1	31.0	48.9%
Social care	59.7	63.6	77.3	96.5	61.5%
Unpaid care	59.0	61.2	73.2	91.8	55.5%
Other	0.8	1.0	1.2	1.6	105.3%
Newcastle Upon Tyne	126	132	161	201	59.6%
Healthcare	18.5	19.0	22.8	28.0	51.3%
Social care	54.6	58.4	72.1	89.9	64.6%
Unpaid care	51.9	53.9	65.4	81.3	56.8%
Other	0.7	0.9	1.1	1.4	108.1%
North Tyneside	114	121	150	190	67.1%
Healthcare	16.8	17.3	21.2	26.6	58.4%
Social care	49.3	53.1	66.8	85.3	72.8%
Unpaid care	47.2	49.4	61.0	77.3	63.6%
Other	0.6	0.8	1.0	1.3	117.6%
Oldham	102	108	135	171	67.5%
Healthcare	15.1	15.6	19.2	24.1	59.2%
Social care	43.2	46.5	59.4	75.7	75.2%
Unpaid care	43.2	45.2	55.8	70.0	62.0%
Other	0.6	0.8	1.0	1.2	117.5%
Rochdale	96	102	127	160	66.5%
Healthcare	14.2	14.7	18.0	22.5	58.0%
Social care	40.7	43.9	55.5	70.6	73.3%
Unpaid care	40.6	42.5	52.4	65.8	61.9%
Other	0.5	0.7	0.9	1.1	116.4%
Rotherham	137	145	182	228	66.1%
Healthcare	20.9	21.5	26.6	33.0	58.3%
Social care	56.1	60.5	77.3	97.7	74.3%
Unpaid care	59.5	62.3	76.7	95.4	60.5%
Other	0.8	1.0	1.3	1.6	116.0%

Salford	102	107	129	160	57.7%
Healthcare	15.1	15.4	18.4	22.5	49.5%
Social care	43.3	46.3	56.8	70.6	63.1%
Unpaid care	42.7	44.3	53.2	66.0	54.4%
Other	0.5	0.7	0.9	1.1	105.4%
Sandwell	159	168	200	242	52.5%
Healthcare	22.6	23.3	27.2	32.7	44.6%
Social care	72.2	77.8	94.1	114.3	58.3%
Unpaid care	63.3	66.1	77.1	93.8	48.2%
Other	0.8	1.1	1.3	1.6	98.3%
Sefton	183	193	236	293	60.0%
Healthcare	27.3	28.0	33.8	41.5	51.7%
Social care	79.0	84.6	105.2	130.9	65.6%
Unpaid care	76.0	78.9	95.9	118.9	56.4%
Other	1.0	1.4	1.7	2.1	108.3%
Sheffield	262	276	336	412	57.0%
Healthcare	40.1	41.1	49.2	59.8	49.4%
Social care	108.4	116.3	143.8	177.5	63.7%
Unpaid care	112.5	117.0	140.3	171.9	52.8%
Other	1.5	2.0	2.4	3.0	104.6%
Solihull	136	143	176	220	62.0%
Healthcare	19.3	19.9	24.0	29.7	53.7%
Social care	61.7	66.1	82.6	103.8	68.3%
Unpaid care	53.8	56.0	68.0	84.6	57.2%
Other	0.7	1.0	1.2	1.5	110.5%
South Tyneside	87	92	112	140	59.9%
Healthcare	12.9	13.2	15.8	19.5	51.4%
Social care	38.1	40.7	50.1	62.6	64.4%
Unpaid care	36.0	37.4	45.4	56.6	57.5%
Other	0.5	0.6	0.8	1.0	108.6%
St. Helens	97	103	130	164	68.3%
Healthcare	14.4	14.9	18.5	23.1	60.2%
Social care	41.0	44.3	57.2	72.6	77.3%
Unpaid care	41.5	43.5	53.9	67.1	61.6%
Other	0.5	0.7	0.9	1.2	118.2%

Stockport	158	167	208	262	65.6%
Healthcare	23.5	24.1	29.6	36.9	57.2%
Social care	67.2	72.1	91.3	115.8	72.1%
Unpaid care	66.4	69.2	85.4	107.2	61.4%
Other	0.9	1.2	1.5	1.8	115.4%
Sunderland	146	155	191	238	63.2%
Healthcare	21.4	22.1	26.9	33.2	54.9%
Social care	62.4	67.3	84.7	106.1	69.9%
Unpaid care	61.3	64.1	78.5	97.3	58.7%
Other	0.8	1.1	1.3	1.7	112.0%
Tameside	106	113	142	180	69.6%
Healthcare	15.7	16.2	20.1	25.3	61.2%
Social care	44.7	48.4	62.0	79.3	77.3%
Unpaid care	45.1	47.3	58.5	74.1	64.3%
Other	0.6	0.8	1.0	1.3	120.3%
Trafford	116	122	150	189	63.6%
Healthcare	17.2	17.7	21.4	26.7	55.1%
Social care	49.7	53.3	66.4	83.9	68.9%
Unpaid care	48.1	50.1	61.3	77.3	60.6%
Other	0.6	0.9	1.1	1.3	113.2%
Wakefield	172	183	230	292	69.4%
Healthcare	26.2	27.1	33.6	42.3	61.3%
Social care	70.4	76.1	97.5	124.7	77.2%
Unpaid care	74.7	78.4	97.4	122.8	64.3%
Other	1.0	1.3	1.7	2.1	120.5%
Walsall	157	166	202	246	57.0%
Healthcare	22.3	23.0	27.5	33.2	49.0%
Social care	71.0	76.5	95.1	116.4	64.0%
Unpaid care	62.6	65.3	77.9	94.7	51.3%
Other	0.8	1.1	1.3	1.6	103.5%
Wigan	158	169	215	275	73.9%
Healthcare	23.4	24.3	30.5	38.7	65.6%
Social care	66.0	71.8	93.9	121.1	83.5%
Unpaid care	67.8	71.4	89.4	113.0	66.7%
Other	0.9	1.2	1.5	1.9	125.3%

Wirral	188	198	245	309	64.3%
Healthcare	28.0	28.6	34.8	43.6	55.8%
Social care	80.2	85.7	107.6	136.8	70.5%
Unpaid care	78.8	82.0	100.6	126.3	60.3%
Other	1.0	1.4	1.7	2.2	113.7%
Wolverhampton	138	145	173	211	53.0%
Healthcare	19.6	20.1	23.6	28.4	45.1%
Social care	62.6	67.0	81.3	99.4	58.9%
Unpaid care	54.7	56.8	66.7	81.3	48.6%
Other	0.7	1.0	1.2	1.4	98.8%
Unitary authorities (56)	2019	2020	2025	2030	% growth
Bath and North East Somerset	108	114	142	180	66.3%
Healthcare	15.0	15.3	18.7	23.6	57.3%
Social care	51.0	54.4	68.5	87.9	72.4%
Unpaid care	42.0	43.6	53.7	67.8	61.4%
Other	0.5	0.7	0.9	1.2	115.7%
Bedford	86	92	118	153	77.4%
Healthcare	12.5	13.0	16.3	21.1	68.1%
Social care	38.2	41.3	53.8	70.3	83.9%
Unpaid care	35.1	36.9	46.9	60.7	72.8%
Other	0.5	0.6	0.8	1.1	130.6%
Blackburn with Darwen	55	58	72	90	64.3%
Healthcare	8.1	8.3	10.2	12.7	55.8%
Social care	23.1	24.7	31.0	39.5	70.8%
Unpaid care	23.5	24.5	30.0	37.6	60.3%
Other	0.3	0.4	0.5	0.6	113.6%
Blackpool	80	83	99	121	51.2%
Healthcare	11.8	12.1	14.1	17.0	43.6%
Social care	34.1	36.3	43.8	53.6	57.1%
Unpaid care	33.4	34.5	40.5	49.1	47.2%
Other	0.4	0.6	0.7	0.8	96.8%

Bournemouth, Christchurch and Poole	275	288	353	447	62.6%
Healthcare	38.0	38.8	46.6	58.4	53.8%
Social care	130.5	139.0	171.8	218.3	67.3%
Unpaid care	104.9	108.8	132.4	167.0	59.2%
Other	1.4	1.9	2.3	2.9	111.6%
Bracknell Forest	51	55	72	95	86.0%
Healthcare	6.9	7.2	9.2	12.1	75.7%
Social care	24.4	26.4	35.2	46.9	92.1%
Unpaid care	19.7	20.7	27.0	35.7	81.4%
Other	0.3	0.3	0.5	0.6	141.2%
Brighton and Hove	122	127	153	193	58.7%
Healthcare	16.4	16.7	19.7	24.6	49.8%
Social care	59.1	62.5	75.8	95.8	62.1%
Unpaid care	45.7	47.2	56.6	71.7	56.9%
Other	0.6	0.8	1.0	1.2	107.0%
Bristol	188	197	237	294	56.5%
Healthcare	26.0	26.5	31.3	38.4	48.0%
Social care	89.0	94.6	115.1	143.4	61.2%
Unpaid care	72.2	74.8	89.3	110.6	53.1%
Other	0.9	1.3	1.5	1.9	103.6%
Central Bedfordshire	131	140	186	248	88.7%
Healthcare	19.0	19.7	25.8	34.0	79.0%
Social care	56.8	61.7	83.3	112.0	97.3%
Unpaid care	55.0	58.1	76.0	100.4	82.6%
Other	0.7	1.0	1.3	1.7	144.5%
Cheshire East	238	253	325	420	76.2%
Healthcare	35.5	36.7	46.4	59.5	67.6%
Social care	102.0	110.3	144.2	187.9	84.3%
Unpaid care	99.6	104.6	132.5	169.7	70.4%
Other	1.3	1.8	2.3	3.0	129.0%
Cheshire West and Chester	192	203	258	330	71.9%
Healthcare	28.5	29.4	36.8	46.6	63.3%
Social care	81.6	87.7	113.6	146.6	79.7%
Unpaid care	80.9	84.5	106.0	134.6	66.3%
Other	1.0	1.4	1.8	2.3	123.1%

Cornwall	390	413	529	683	75.2%
Healthcare	53.7	55.4	69.7	89.1	65.9%
Social care	181.0	194.7	253.6	331.2	83.0%
Unpaid care	153.1	160.3	202.4	258.0	68.5%
Other	2.0	2.7	3.5	4.5	126.4%
Darlington	59	63	79	100	68.4%
Healthcare	8.7	9.0	11.1	13.9	59.9%
Social care	25.6	27.5	35.1	44.8	75.4%
Unpaid care	24.6	25.7	31.9	40.2	63.5%
Other	0.3	0.4	0.5	0.7	118.9%
Derby	127	134	163	204	60.4%
Healthcare	18.2	18.6	22.3	27.6	51.9%
Social care	57.6	61.6	76.1	95.4	65.6%
Unpaid care	50.5	52.5	63.3	79.2	56.8%
Other	0.7	0.9	1.1	1.4	108.8%
Dorset	313	331	420	540	72.4%
Healthcare	43.2	44.5	55.5	70.5	63.1%
Social care	146.6	157.5	202.8	262.9	79.3%
Unpaid care	121.6	127.1	159.3	202.6	66.7%
Other	1.6	2.2	2.7	3.5	123.2%
Durham	288	306	386	487	69.0%
Healthcare	42.4	43.7	54.3	68.0	60.6%
Social care	122.9	132.7	170.5	217.4	76.9%
Unpaid care	121.7	127.6	158.4	198.7	63.2%
Other	1.6	2.1	2.7	3.4	119.2%
East Riding of Yorkshire	221	234	300	382	73.2%
Healthcare	33.6	34.7	43.8	55.4	65.0%
Social care	89.8	96.9	126.6	163.3	81.9%
Unpaid care	96.1	100.8	127.0	160.8	67.2%
Other	1.2	1.7	2.2	2.8	124.9%
Halton	59	63	82	105	77.5%
Healthcare	8.7	9.1	11.5	14.7	68.7%
Social care	24.7	26.9	35.4	46.0	86.2%
Unpaid care	25.4	26.8	34.0	43.5	71.3%
Other	0.3	0.4	0.6	0.7	130.1%

Hartlepool	53	56	70	87	64.7%
Healthcare	7.8	8.1	9.9	12.2	56.3%
Social care	23.0	24.8	31.4	39.3	71.0%
Unpaid care	21.9	22.9	28.1	35.1	60.3%
Other	0.3	0.4	0.5	0.6	114.2%
Herefordshire	129	137	175	224	73.8%
Healthcare	18.4	19.0	23.8	30.3	64.8%
Social care	58.0	62.3	80.9	105.1	81.2%
Unpaid care	52.1	54.6	68.7	87.6	68.0%
Other	0.7	0.9	1.2	1.5	125.2%
Isle of Wight	115	122	154	197	71.3%
Healthcare	15.5	16.0	19.8	25.1	62.0%
Social care	55.3	59.3	75.9	98.4	77.9%
Unpaid care	43.8	45.8	57.1	72.6	65.7%
Other	0.6	0.8	1.0	1.3	121.8%
Isles of Scilly	2	2	2	2	54.8%
Healthcare	0.2	0.2	0.3	0.3	46.3%
Social care	0.7	0.7	0.9	1.1	59.7%
Unpaid care	0.6	0.6	0.7	0.9	51.5%
Other	0.01	0.01	0.01	0.02	101.1%
Kingston upon Hull	109	115	138	170	56.3%
Healthcare	16.5	17.0	20.1	24.6	48.4%
Social care	44.6	47.8	58.4	72.3	62.0%
Unpaid care	47.2	49.0	58.5	72.1	53.0%
Other	0.6	0.8	1.0	1.2	103.8%
Leicester	129	137	169	213	64.5%
Healthcare	18.5	19.0	23.0	28.8	55.7%
Social care	58.4	62.9	78.3	99.0	69.5%
Unpaid care	51.8	54.1	66.2	83.5	61.3%
Other	0.7	0.9	1.1	1.4	114.2%
Luton	80	85	106	133	65.5%
Healthcare	11.6	12.0	14.7	18.2	57.0%
Social care	35.5	38.3	48.6	61.0	71.9%
Unpaid care	32.6	34.1	41.8	52.5	60.9%
Other	0.4	0.6	0.7	0.9	115.1%

Medway	130	139	179	233	79.4%
Healthcare	17.5	18.1	23.0	29.7	69.5%
Social care	62.0	67.0	88.1	115.6	86.7%
Unpaid care	50.1	52.6	67.0	86.7	73.1%
Other	0.6	0.9	1.1	1.5	131.9%
Middlesbrough	64	67	82	103	61.4%
Healthcare	9.4	9.6	11.6	14.3	53.0%
Social care	27.4	29.4	36.5	45.8	67.1%
Unpaid care	26.6	27.7	33.6	42.0	58.0%
Other	0.3	0.5	0.6	0.7	110.1%
Milton Keynes	105	113	156	213	102.3%
Healthcare	14.2	14.8	20.0	27.1	91.2%
Social care	50.0	54.5	76.1	105.4	110.9%
Unpaid care	40.7	43.2	58.7	79.4	94.9%
Other	0.5	0.7	1.0	1.4	161.2%
North East Lincolnshire	90	95	117	145	61.2%
Healthcare	13.7	14.1	17.1	21.0	53.4%
Social care	37.1	40.0	50.1	62.4	68.2%
Unpaid care	38.5	40.2	48.8	60.3	56.6%
Other	0.5	0.7	0.8	1.0	109.9%
North Lincolnshire	96	103	130	165	71.7%
Healthcare	14.7	15.2	19.0	24.0	63.5%
Social care	39.6	42.9	55.3	71.1	79.5%
Unpaid care	41.5	43.7	54.5	69.1	66.4%
Other	0.5	0.7	0.9	1.2	123.5%
North Somerset	153	163	211	274	79.1%
Healthcare	21.2	21.9	27.8	35.9	69.7%
Social care	71.9	77.6	102.1	134.4	86.8%
Unpaid care	59.4	62.3	79.5	102.4	72.5%
Other	0.8	1.1	1.4	1.8	131.8%
Northumberland	203	216	279	359	76.9%
Healthcare	29.9	30.9	39.3	50.2	68.0%
Social care	86.6	93.8	123.2	160.5	85.2%
Unpaid care	85.5	89.9	114.5	146.0	70.8%
Other	1.1	1.5	2.0	2.5	129.3%

Nottingham	118	123	148	184	56.2%
Healthcare	16.8	17.1	20.2	24.8	47.7%
Social care	53.2	56.6	68.5	85.2	60.2%
Unpaid care	47.0	48.7	58.0	72.4	54.1%
Other	0.6	0.8	1.0	1.2	103.8%
Peterborough	84	89	111	142	69.7%
Healthcare	12.2	12.5	15.4	19.6	60.8%
Social care	37.1	39.8	50.7	65.2	75.8%
Unpaid care	34.3	35.8	44.5	56.8	65.7%
Other	0.4	0.6	0.8	1.0	120.7%
Plymouth	141	149	187	235	66.4%
Healthcare	19.5	20.0	24.6	30.6	57.5%
Social care	66.0	70.8	90.1	114.2	73.1%
Unpaid care	55.0	57.4	70.9	88.5	60.8%
Other	0.7	1.0	1.2	1.5	115.4%
Portsmouth	96	101	123	156	63.2%
Healthcare	12.9	13.2	15.8	19.8	54.1%
Social care	46.3	49.4	61.1	77.4	67.4%
Unpaid care	36.0	37.4	45.6	57.6	60.3%
Other	0.5	0.6	0.8	1.0	112.4%
Reading	63	66	83	106	69.4%
Healthcare	8.4	8.6	10.6	13.5	60.0%
Social care	30.1	32.3	40.9	52.7	75.1%
Unpaid care	23.7	24.7	30.5	39.0	64.9%
Other	0.3	0.4	0.5	0.7	119.7%
Redcar and Cleveland	83	88	110	138	66.3%
Healthcare	12.2	12.6	15.5	19.3	58.1%
Social care	35.5	38.4	49.0	61.9	74.4%
Unpaid care	34.7	36.3	44.8	55.6	60.2%
Other	0.4	0.6	0.8	1.0	115.6%
Rutland	27	29	38	49	80.2%
Healthcare	3.9	4.0	5.2	6.7	71.2%
Social care	12.2	13.2	17.4	23.0	88.8%
Unpaid care	10.9	11.5	14.7	18.9	73.2%
Other	0.1	0.2	0.3	0.3	133.5%

Shropshire	215	228	295	384	78.7%
Healthcare	30.6	31.7	40.2	51.9	69.6%
Social care	96.3	104.1	137.0	180.1	87.0%
Unpaid care	86.7	91.1	115.8	149.1	72.0%
Other	1.1	1.5	2.0	2.6	131.4%
Slough	45	47	59	76	71.1%
Healthcare	6.0	6.2	7.6	9.7	61.3%
Social care	21.4	23.0	29.1	37.4	74.9%
Unpaid care	16.9	17.8	22.2	28.7	69.1%
Other	0.2	0.3	0.4	0.5	122.7%
Southampton	108	113	137	171	58.2%
Healthcare	14.5	14.8	17.6	21.7	49.4%
Social care	52.4	55.6	67.9	85.1	62.6%
Unpaid care	40.5	41.9	50.3	62.8	55.0%
Other	0.5	0.7	0.9	1.1	105.8%
Southend-on-Sea	106	112	138	176	66.0%
Healthcare	15.4	15.8	19.2	24.3	57.4%
Social care	47.4	50.7	63.6	81.4	71.8%
Unpaid care	42.8	44.6	54.7	69.4	62.0%
Other	0.6	0.8	0.9	1.2	116.3%
South Gloucestershire	156	166	213	273	75.0%
Healthcare	21.6	22.3	28.1	35.7	65.7%
Social care	72.9	78.7	103.0	133.2	82.7%
Unpaid care	60.9	63.9	80.5	102.7	68.5%
Other	0.8	1.1	1.4	1.8	126.3%
Stockton-on-Tees	97	103	131	168	72.6%
Healthcare	14.3	14.8	18.5	23.4	63.8%
Social care	41.6	45.0	58.3	74.8	79.7%
Unpaid care	40.6	42.6	53.6	68.1	67.8%
Other	0.5	0.7	0.9	1.2	124.2%
Stoke-on-Trent	127	135	164	202	59.5%
Healthcare	18.0	18.6	22.3	27.2	51.3%
Social care	56.8	61.3	76.0	94.5	66.5%
Unpaid care	51.5	54.0	64.7	79.3	54.0%
Other	0.7	0.9	1.1	1.4	106.9%

Swindon	104	112	145	192	83.8%
Healthcare	14.4	15.0	19.1	25.0	73.8%
Social care	48.7	52.9	69.8	92.7	90.4%
Unpaid care	40.8	43.1	55.4	73.0	78.8%
Other	0.5	0.7	0.9	1.3	138.4%
Telford and Wrekin	80	86	112	146	83.4%
Healthcare	11.3	11.8	15.2	19.7	74.1%
Social care	35.3	38.5	51.6	68.1	93.2%
Unpaid care	32.8	34.7	44.6	57.5	75.5%
Other	0.4	0.6	0.8	1.0	136.9%
Thurrock	67	72	90	115	70.7%
Healthcare	9.7	10.1	12.4	15.8	61.9%
Social care	29.5	31.9	40.7	52.5	77.6%
Unpaid care	27.8	29.2	36.1	46.1	65.7%
Other	0.4	0.5	0.6	0.8	121.7%
Torbay	108	114	142	181	68.4%
Healthcare	14.9	15.2	18.8	23.7	59.5%
Social care	50.6	54.2	68.9	88.6	74.9%
Unpaid care	41.6	43.4	53.7	67.9	63.1%
Other	0.5	0.7	0.9	1.2	118.4%
Warrington	100	107	138	180	79.1%
Healthcare	14.9	15.4	19.7	25.3	70.3%
Social care	42.2	45.8	60.5	79.4	88.0%
Unpaid care	42.7	45.0	57.2	73.8	72.7%
Other	0.5	0.8	1.0	1.3	132.2%
West Berkshire	83	89	118	156	87.8%
Healthcare	11.2	11.6	15.1	19.9	77.5%
Social care	39.3	42.6	57.6	77.2	96.3%
Unpaid care	32.2	33.9	44.3	58.0	80.3%
Other	0.4	0.6	0.8	1.0	142.2%
Wiltshire	306	326	426	561	83.3%
Healthcare	42.2	43.7	56.2	73.3	73.5%
Social care	142.7	154.3	204.9	272.4	90.9%
Unpaid care	119.4	125.6	162.1	211.5	77.1%
Other	1.5	2.1	2.8	3.7	137.3%

Windsor and Maidenhead	88	93	119	153	73.5%
Healthcare	11.9	12.3	15.3	19.5	64.1%
Social care	42.7	46.0	59.5	77.0	80.3%
Unpaid care	33.0	34.5	43.3	55.3	67.4%
Other	0.4	0.6	0.8	1.0	124.6%
Wokingham	85	91	120	157	85.3%
Healthcare	11.4	11.9	15.4	20.0	75.2%
Social care	40.6	43.9	59.2	78.5	93.6%
Unpaid care	32.4	34.1	44.3	57.6	77.7%
Other	0.4	0.6	0.8	1.0	138.9%
York	103	108	135	171	66.5%
Healthcare	15.7	16.1	19.7	24.8	58.3%
Social care	42.3	45.3	57.4	73.3	73.3%
Unpaid care	44.0	45.8	56.5	71.3	62.2%
Other	0.6	0.8	1.0	1.2	116.9%
County councils (26)	2019	2020	2025	2030	% growth
Buckinghamshire	306	326	423	549	79.5%
Healthcare	41.2	42.7	54.5	70.0	69.7%
Social care	147.2	159.2	210.0	274.8	86.7%
Unpaid care	115.8	121.7	155.6	200.4	73.1%
Other	1.5	2.1	2.7	3.5	132.0%
Cambridgeshire	348	370	478	624	79.3%
Healthcare	50.4	52.2	66.3	85.8	70.2%
Social care	153.4	165.7	217.8	286.7	86.9%
Unpaid care	142.3	149.5	190.8	246.9	73.6%
Other	1.8	2.5	3.3	4.3	132.8%
Cumbria	319	337	421	530	65.9%
Healthcare	47.5	48.7	60.0	74.8	57.7%
Social care	135.7	145.5	185.3	235.3	73.4%
Unpaid care	134.5	140.2	173.1	216.1	60.6%
Other	1.7	2.4	3.0	3.7	115.5%

Derbyshire	479	509	650	836	74.4%
Healthcare	68.4	70.7	88.9	113.3	65.5%
Social care	213.4	230.5	299.7	389.3	82.4%
Unpaid care	194.6	204.2	256.8	327.2	68.1%
Other	2.5	3.4	4.4	5.7	126.0%
Devon	583	617	778	997	71.0%
Healthcare	80.5	82.8	102.6	130.3	61.9%
Social care	273.4	293.4	375.3	486.0	77.7%
Unpaid care	226.2	236.3	294.6	374.2	65.4%
Other	2.9	4.0	5.1	6.5	121.6%
East Sussex	449	474	599	774	72.3%
Healthcare	60.5	62.2	77.1	98.6	62.9%
Social care	217.7	233.2	298.1	387.6	78.1%
Unpaid care	168.5	175.9	220.0	282.5	67.6%
Other	2.2	3.0	3.8	4.9	123.7%
Essex	878	932	1182	1514	72.4%
Healthcare	127.2	131.4	164.0	208.3	63.7%
Social care	387.8	418.5	540.3	697.9	80.0%
Unpaid care	358.7	375.7	469.9	597.7	66.6%
Other	4.6	6.4	8.1	10.4	123.8%
Gloucestershire	386	409	528	689	78.4%
Healthcare	53.3	55.0	69.5	90.0	68.8%
Social care	180.2	193.9	253.5	334.0	85.3%
Unpaid care	150.7	157.9	201.1	260.4	72.8%
Other	1.9	2.7	3.5	4.5	131.1%
Hampshire	891	948	1226	1595	79.0%
Healthcare	120.1	124.3	157.8	203.4	69.3%
Social care	428.5	462.7	607.7	797.8	86.2%
Unpaid care	337.9	354.8	452.4	583.8	72.8%
Other	4.4	6.0	7.8	10.1	131.5%
Hertfordshire	597	631	798	1024	71.6%
Healthcare	86.6	89.2	110.9	140.9	62.7%
Social care	265.6	285.5	366.1	472.0	77.7%
Unpaid care	241.2	251.9	315.4	404.0	67.5%
Other	3.1	4.3	5.5	7.0	123.3%

Kent	957	1015	1299	1684	76.0%
Healthcare	128.8	132.9	167.1	214.4	66.4%
Social care	459.4	494.7	642.8	839.8	82.8%
Unpaid care	363.7	381.1	481.3	619.0	70.2%
Other	4.7	6.5	8.3	10.7	127.8%
Lancashire	656	693	872	1106	68.6%
Healthcare	97.4	100.2	124.1	156.0	60.2%
Social care	278.1	299.1	382.7	490.0	76.2%
Unpaid care	276.6	289.1	358.9	452.0	63.4%
Other	3.6	4.9	6.2	7.8	119.0%
Leicestershire	397	422	541	700	76.0%
Healthcare	56.8	58.8	74.1	94.9	67.0%
Social care	177.7	191.9	250.2	326.3	83.7%
Unpaid care	160.8	168.8	213.3	273.6	70.1%
Other	2.1	2.9	3.7	4.7	128.3%
Lincolnshire	491	522	664	850	73.1%
Healthcare	70.1	72.5	90.7	115.2	64.3%
Social care	218.3	235.9	305.9	395.8	81.3%
Unpaid care	199.8	209.7	262.4	333.1	66.7%
Other	2.6	3.5	4.5	5.8	124.3%
Norfolk	625	661	828	1047	67.4%
Healthcare	90.6	93.2	114.9	144.0	59.0%
Social care	275.9	296.7	378.1	482.5	74.9%
Unpaid care	255.6	266.9	329.3	413.1	61.6%
Other	3.3	4.5	5.7	7.2	117.2%
North Yorkshire	381	403	516	663	73.8%
Healthcare	58.2	60.0	75.5	96.2	65.4%
Social care	156.2	168.1	218.7	283.8	81.7%
Unpaid care	164.9	172.5	218.0	278.0	68.6%
Other	2.1	2.9	3.7	4.8	126.0%
Northamptonshire	366	390	510	676	84.6%
Healthcare	52.3	54.2	69.7	91.5	75.1%
Social care	162.4	175.8	234.1	313.2	92.9%
Unpaid care	149.4	157.3	203.1	266.3	78.3%
Other	1.9	2.6	3.5	4.6	139.3%

Nottinghamshire	479	508	646	826	72.5%
Healthcare	68.4	70.7	88.3	112.0	63.7%
Social care	213.5	230.4	298.2	384.8	80.2%
Unpaid care	194.4	203.8	255.0	323.6	66.5%
Other	2.5	3.4	4.4	5.6	123.6%
Oxfordshire	375	398	514	671	79.2%
Healthcare	50.5	52.2	66.2	85.6	69.4%
Social care	180.0	194.0	254.8	335.4	86.4%
Unpaid care	142.3	149.2	190.1	245.9	72.8%
Other	1.8	2.5	3.3	4.3	131.7%
Somerset	402	426	544	705	75.4%
Healthcare	55.5	57.2	71.8	92.2	66.1%
Social care	188.5	202.8	262.9	343.7	82.4%
Unpaid care	156.0	163.4	206.2	264.8	69.7%
Other	2.0	2.8	3.6	4.6	127.4%
Staffordshire	530	565	724	927	74.9%
Healthcare	75.4	78.2	98.7	125.3	66.1%
Social care	236.8	256.6	336.4	435.5	83.9%
Unpaid care	214.9	226.0	284.3	359.9	67.5%
Other	2.8	3.8	4.9	6.2	126.2%
Suffolk	505	536	683	878	74.1%
Healthcare	73.1	75.5	94.8	120.9	65.4%
Social care	223.0	240.6	312.2	405.5	81.9%
Unpaid care	205.8	215.7	271.2	346.0	68.1%
Other	2.7	3.7	4.7	6.0	126.0%
Surrey	698	738	935	1201	72.0%
Healthcare	94.2	96.8	120.4	153.2	62.6%
Social care	337.9	362.2	465.2	601.8	78.1%
Unpaid care	262.7	274.0	343.0	438.3	66.9%
Other	3.4	4.7	5.9	7.6	122.9%
Warwickshire	339	360	460	591	74.3%
Healthcare	48.3	49.9	62.7	79.9	65.4%
Social care	152.7	164.9	214.6	278.5	82.4%
Unpaid care	136.2	142.8	179.4	228.2	67.6%
Other	1.8	2.4	3.1	4.0	125.8%

West Sussex	618	653	827	1068	73.0%
Healthcare	83.3	85.7	106.6	136.2	63.5%
Social care	299.3	321.0	411.6	535.0	78.7%
Unpaid care	232.0	242.3	303.9	390.4	68.3%
Other	3.0	4.1	5.3	6.8	124.4%
Worcestershire	374	397	507	652	74.0%
Healthcare	53.4	55.1	69.2	88.1	65.2%
Social care	168.4	181.5	236.0	306.6	82.1%
Unpaid care	150.8	158.0	198.6	252.6	67.5%
Other	1.9	2.7	3.4	4.4	125.5%
TOTAL OF ENGLAND	29,492	31,235	39,456	50,465	71.1%
Healthcare	4,146	4,272	5,303	6,716	62.0%
Social care	13,485	14,508	18,617	23,996	77.9%
Unpaid care	11,710	12,247	15,275	19,417	65.8%
Other	151	208	262	336	121.8%

Note:

1. Figures may not add exactly due to rounding.
2. Social care includes publicly and privately funded care.

ANNEX 2: DATA AND ASSUMPTIONS

The models draw on data from the following sources:

1. The number of people aged 65 and over in each country and for each projection year, disaggregated by age-group and gender, are from the Office for National Statistics (ONS) 2014-based principal population projections (ONS 2015).
2. For people in a specific age or gender group, we assume that there are no other demographic or socioeconomic differences between the four countries of the UK and use England data for each country.
3. In each country, the proportion of people with different levels of cognitive impairment, dementia and dependency (care needs) by age, gender and education change in line with those projected for England by the Population Ageing and Care Simulation (PACSim) model (Kingston et al. 2018).
4. The proportion of older people living with dementia who receive unpaid care, formal community care and care home services by age, gender and severity of cognitive impairment were estimated using the Cognitive Function and Ageing Study (CFASII) data and were assumed to remain constant in projection years.
5. In the base year of 2015, we scaled the estimates for numbers of users of home care and care home services in England to align with externally derived estimates based on NHS Digital data (Wittenberg et al. 2019a). We applied the same scaling factors to the models for Wales and Northern Ireland, in the absence of suitable official data on service users in those countries. For Scotland, we scaled the number of users of home care and care home services to align with externally derived estimates based on official Scottish data (Scottish Government 2017, Information Services Division 2018).
6. Unit costs of healthcare, formal community care and unpaid care by severity of dementia are based on analysis of the MODEM cohort data expressed in 2015 prices (Wittenberg et al. 2019a). The weekly cost of home care is assumed, in the absence of suitable data, not to vary between the four countries. The weekly cost of residential care is assumed to vary in line with Laing & Buisson (2017) data.
7. Unit costs are assumed to rise in real terms in line with trends in productivity and average earnings reported by Office for Budget Responsibility (OBR 2018), with an uplift for the years to 2020 to take account of the planned rises in the national living wage (except that non-labour non-capital costs in care homes remain constant in real terms).



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