**Supplementary Material: Frailty among older adults and its distribution in England**

**Appendix 1:** Frailty index determinants

**1a** Local authority district level variables

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Definition** | **Source** | **Year** |
| Age | Mid-year age of population | Population projections for local authorities | 2020 |
| Sex |  | Population projections for local authorities | 2020 |
| Deprivation Index | English Index of Multiple Deprivation (IMD). Deprivation in quintiles | Index of Multiple Deprivation in quintile | 2019 |

**1b** Individual level predictors of frailty index

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Definition** | **Code** | **Type** |
| Age | The age of the respondent in the year of the survey | 50-54, 55-59, 60-64, 65-69, 70-74, 75-79, 80-84, 85-89, 90+ | Categorical |
| Sex | The sex of the respondent | 1=male  2=female | Nominal/binary |
| Deprivation Index | English Indices of Multiple Deprivation (IMD) 2015. Deprivation in quintiles. | 1-5 | Categorical |

**Appendix 2:** Urban and Coastal designation of each local authority district. Urban designation is based on the Office of National Statistic’s 2011 rural-urban classification (1). Local authorities whose borders include foreshore (except within estuaries) are categorised as coastal.

| **LAD18CD** | **Local authority district** | **Urban and rural**  **classification** | **Coastal and inland**  **classification** |
| --- | --- | --- | --- |
| E07000223 | Adur | URBAN | COASTAL |
| E07000026 | Allerdale | RURAL | COASTAL |
| E07000032 | Amber Valley | URBAN | INLAND |
| E07000224 | Arun | URBAN | COASTAL |
| E07000170 | Ashfield | URBAN | INLAND |
| E07000105 | Ashford | URBAN | INLAND |
| E07000200 | Babergh | RURAL | INLAND |
| E09000002 | Barking and Dagenham | URBAN | INLAND |
| E09000003 | Barnet | URBAN | INLAND |
| E08000016 | Barnsley | URBAN | INLAND |
| E07000027 | Barrow-in-Furness | URBAN | COASTAL |
| E07000066 | Basildon | URBAN | INLAND |
| E07000084 | Basingstoke and Deane | URBAN | INLAND |
| E07000171 | Bassetlaw | RURAL | INLAND |
| E06000022 | Bath and North East Somerset | URBAN | INLAND |
| E06000055 | Bedford | URBAN | INLAND |
| E09000004 | Bexley | URBAN | INLAND |
| E08000025 | Birmingham | URBAN | INLAND |
| E07000129 | Blaby | URBAN | INLAND |
| E06000008 | Blackburn with Darwen | URBAN | INLAND |
| E06000009 | Blackpool | URBAN | COASTAL |
| E07000033 | Bolsover | URBAN | INLAND |
| E08000001 | Bolton | URBAN | INLAND |
| E07000136 | Boston | URBAN | COASTAL |
| E06000058 | Bournemouth, Christchurch and Poole | URBAN | COASTAL |
| E06000036 | Bracknell Forest | URBAN | INLAND |
| E08000032 | Bradford | URBAN | INLAND |
| E07000067 | Braintree | RURAL | INLAND |
| E07000143 | Breckland | RURAL | INLAND |
| E09000005 | Brent | URBAN | INLAND |
| E07000068 | Brentwood | URBAN | INLAND |
| E06000043 | Brighton and Hove | URBAN | COASTAL |
| E06000023 | Bristol, City of | URBAN | INLAND |
| E07000144 | Broadland | URBAN | INLAND |
| E09000006 | Bromley | URBAN | INLAND |
| E07000234 | Bromsgrove | URBAN | INLAND |
| E07000095 | Broxbourne | URBAN | INLAND |
| E07000172 | Broxtowe | URBAN | INLAND |
| E10000002 | Buckinghamshire | URBAN | INLAND |
| E07000117 | Burnley | URBAN | INLAND |
| E08000002 | Bury | URBAN | INLAND |
| E08000033 | Calderdale | URBAN | INLAND |
| E07000008 | Cambridge | URBAN | INLAND |
| E09000007 | Camden | URBAN | INLAND |
| E07000192 | Cannock Chase | URBAN | INLAND |
| E07000106 | Canterbury | URBAN | COASTAL |
| E07000028 | Carlisle | URBAN | INLAND |
| E07000069 | Castle Point | URBAN | COASTAL |
| E06000056 | Central Bedfordshire | RURAL | INLAND |
| E07000130 | Charnwood | URBAN | INLAND |
| E07000070 | Chelmsford | URBAN | INLAND |
| E07000078 | Cheltenham | URBAN | INLAND |
| E07000177 | Cherwell | URBAN | INLAND |
| E06000049 | Cheshire East | URBAN | INLAND |
| E06000050 | Cheshire West and Chester | URBAN | INLAND |
| E07000034 | Chesterfield | URBAN | INLAND |
| E07000225 | Chichester | RURAL | COASTAL |
| E07000118 | Chorley | URBAN | INLAND |
| E09000001 | City of London | URBAN | INLAND |
| E07000071 | Colchester | URBAN | COASTAL |
| E07000029 | Copeland | RURAL | COASTAL |
| E07000150 | Corby | URBAN | INLAND |
| E06000052 | Cornwall | RURAL | COASTAL |
| E07000079 | Cotswold | RURAL | INLAND |
| E06000047 | County Durham | RURAL | COASTAL |
| E08000026 | Coventry | URBAN | INLAND |
| E07000163 | Craven | RURAL | INLAND |
| E07000226 | Crawley | URBAN | INLAND |
| E09000008 | Croydon | URBAN | INLAND |
| E07000096 | Dacorum | URBAN | INLAND |
| E06000005 | Darlington | URBAN | INLAND |
| E07000107 | Dartford | URBAN | INLAND |
| E07000151 | Daventry | RURAL | INLAND |
| E06000015 | Derby | URBAN | INLAND |
| E07000035 | Derbyshire Dales | RURAL | INLAND |
| E08000017 | Doncaster | URBAN | INLAND |
| E06000059 | Dorset | RURAL | COASTAL |
| E07000108 | Dover | URBAN | COASTAL |
| E08000027 | Dudley | URBAN | INLAND |
| E09000009 | Ealing | URBAN | INLAND |
| E07000009 | East Cambridgeshire | RURAL | INLAND |
| E07000040 | East Devon | RURAL | COASTAL |
| E07000085 | East Hampshire | RURAL | INLAND |
| E07000242 | East Hertfordshire | URBAN | INLAND |
| E07000137 | East Lindsey | RURAL | COASTAL |
| E07000152 | East Northamptonshire | RURAL | INLAND |
| E06000011 | East Riding of Yorkshire | RURAL | COASTAL |
| E07000193 | East Staffordshire | URBAN | INLAND |
| E07000244 | East Suffolk | RURAL | COASTAL |
| E07000061 | Eastbourne | URBAN | COASTAL |
| E07000086 | Eastleigh | URBAN | INLAND |
| E07000030 | Eden | RURAL | INLAND |
| E07000207 | Elmbridge | URBAN | INLAND |
| E09000010 | Enfield | URBAN | INLAND |
| E07000072 | Epping Forest | URBAN | INLAND |
| E07000208 | Epsom and Ewell | URBAN | INLAND |
| E07000036 | Erewash | URBAN | INLAND |
| E07000041 | Exeter | URBAN | INLAND |
| E07000087 | Fareham | URBAN | COASTAL |
| E07000010 | Fenland | RURAL | INLAND |
| E07000080 | Forest of Dean | RURAL | INLAND |
| E07000119 | Fylde | URBAN | COASTAL |
| E08000037 | Gateshead | URBAN | INLAND |
| E07000173 | Gedling | URBAN | INLAND |
| E07000081 | Gloucester | URBAN | INLAND |
| E07000088 | Gosport | URBAN | COASTAL |
| E07000109 | Gravesham | URBAN | INLAND |
| E07000145 | Great Yarmouth | URBAN | COASTAL |
| E09000011 | Greenwich | URBAN | INLAND |
| E07000209 | Guildford | URBAN | INLAND |
| E09000012 | Hackney | URBAN | INLAND |
| E06000006 | Halton | URBAN | INLAND |
| E07000164 | Hambleton | RURAL | INLAND |
| E09000013 | Hammersmith and Fulham | URBAN | INLAND |
| E07000131 | Harborough | RURAL | INLAND |
| E09000014 | Haringey | URBAN | INLAND |
| E07000073 | Harlow | URBAN | INLAND |
| E07000165 | Harrogate | URBAN | INLAND |
| E09000015 | Harrow | URBAN | INLAND |
| E07000089 | Hart | URBAN | INLAND |
| E06000001 | Hartlepool | URBAN | COASTAL |
| E07000062 | Hastings | URBAN | COASTAL |
| E07000090 | Havant | URBAN | COASTAL |
| E09000016 | Havering | URBAN | INLAND |
| E06000019 | Herefordshire, County of | RURAL | INLAND |
| E07000098 | Hertsmere | URBAN | INLAND |
| E07000037 | High Peak | RURAL | INLAND |
| E09000017 | Hillingdon | URBAN | INLAND |
| E07000132 | Hinckley and Bosworth | RURAL | INLAND |
| E07000227 | Horsham | RURAL | INLAND |
| E09000018 | Hounslow | URBAN | INLAND |
| E07000011 | Huntingdonshire | RURAL | INLAND |
| E07000120 | Hyndburn | URBAN | INLAND |
| E07000202 | Ipswich | URBAN | INLAND |
| E06000046 | Isle of Wight | RURAL | COASTAL |
| E06000053 | Isles of Scilly | RURAL | COASTAL |
| E09000019 | Islington | URBAN | INLAND |
| E09000020 | Kensington and Chelsea | URBAN | INLAND |
| E07000153 | Kettering | URBAN | INLAND |
| E07000146 | King's Lynn and West Norfolk | RURAL | COASTAL |
| E06000010 | Kingston upon Hull, City of | URBAN | INLAND |
| E09000021 | Kingston upon Thames | URBAN | INLAND |
| E08000034 | Kirklees | URBAN | INLAND |
| E08000011 | Knowsley | URBAN | INLAND |
| E09000022 | Lambeth | URBAN | INLAND |
| E07000121 | Lancaster | URBAN | COASTAL |
| E08000035 | Leeds | URBAN | INLAND |
| E06000016 | Leicester | URBAN | INLAND |
| E07000063 | Lewes | URBAN | COASTAL |
| E09000023 | Lewisham | URBAN | INLAND |
| E07000194 | Lichfield | URBAN | INLAND |
| E07000138 | Lincoln | URBAN | INLAND |
| E08000012 | Liverpool | URBAN | INLAND |
| E06000032 | Luton | URBAN | INLAND |
| E07000110 | Maidstone | URBAN | INLAND |
| E07000074 | Maldon | RURAL | COASTAL |
| E07000235 | Malvern Hills | RURAL | INLAND |
| E08000003 | Manchester | URBAN | INLAND |
| E07000174 | Mansfield | URBAN | INLAND |
| E06000035 | Medway | URBAN | INLAND |
| E07000133 | Melton | RURAL | INLAND |
| E07000187 | Mendip | RURAL | INLAND |
| E09000024 | Merton | URBAN | INLAND |
| E07000042 | Mid Devon | RURAL | INLAND |
| E07000203 | Mid Suffolk | RURAL | INLAND |
| E07000228 | Mid Sussex | URBAN | INLAND |
| E06000002 | Middlesbrough | URBAN | INLAND |
| E06000042 | Milton Keynes | URBAN | INLAND |
| E07000210 | Mole Valley | URBAN | INLAND |
| E07000091 | New Forest | URBAN | COASTAL |
| E07000175 | Newark and Sherwood | RURAL | INLAND |
| E08000021 | Newcastle upon Tyne | URBAN | INLAND |
| E07000195 | Newcastle-under-Lyme | URBAN | INLAND |
| E09000025 | Newham | URBAN | INLAND |
| E07000043 | North Devon | RURAL | COASTAL |
| E07000038 | North East Derbyshire | URBAN | INLAND |
| E06000012 | North East Lincolnshire | URBAN | INLAND |
| E07000099 | North Hertfordshire | URBAN | INLAND |
| E07000139 | North Kesteven | RURAL | INLAND |
| E06000013 | North Lincolnshire | URBAN | INLAND |
| E07000147 | North Norfolk | RURAL | COASTAL |
| E06000024 | North Somerset | URBAN | COASTAL |
| E08000022 | North Tyneside | URBAN | COASTAL |
| E07000218 | North Warwickshire | RURAL | INLAND |
| E07000134 | North West Leicestershire | RURAL | INLAND |
| E07000154 | Northampton | URBAN | INLAND |
| E06000057 | Northumberland | RURAL | COASTAL |
| E07000148 | Norwich | URBAN | INLAND |
| E06000018 | Nottingham | URBAN | INLAND |
| E07000219 | Nuneaton and Bedworth | URBAN | INLAND |
| E07000135 | Oadby and Wigston | URBAN | INLAND |
| E08000004 | Oldham | URBAN | INLAND |
| E07000178 | Oxford | URBAN | INLAND |
| E07000122 | Pendle | URBAN | INLAND |
| E06000031 | Peterborough | URBAN | INLAND |
| E06000026 | Plymouth | URBAN | COASTAL |
| E06000044 | Portsmouth | URBAN | COASTAL |
| E07000123 | Preston | URBAN | INLAND |
| E06000038 | Reading | URBAN | INLAND |
| E09000026 | Redbridge | URBAN | INLAND |
| E06000003 | Redcar and Cleveland | URBAN | COASTAL |
| E07000236 | Redditch | URBAN | INLAND |
| E07000211 | Reigate and Banstead | URBAN | INLAND |
| E07000124 | Ribble Valley | RURAL | INLAND |
| E09000027 | Richmond upon Thames | URBAN | INLAND |
| E07000166 | Richmondshire | RURAL | INLAND |
| E08000005 | Rochdale | URBAN | INLAND |
| E07000075 | Rochford | URBAN | COASTAL |
| E07000125 | Rossendale | URBAN | INLAND |
| E07000064 | Rother | RURAL | COASTAL |
| E08000018 | Rotherham | URBAN | INLAND |
| E07000220 | Rugby | URBAN | INLAND |
| E07000212 | Runnymede | URBAN | INLAND |
| E07000176 | Rushcliffe | RURAL | INLAND |
| E07000092 | Rushmoor | URBAN | INLAND |
| E06000017 | Rutland | RURAL | INLAND |
| E07000167 | Ryedale | RURAL | INLAND |
| E08000006 | Salford | URBAN | INLAND |
| E08000028 | Sandwell | URBAN | INLAND |
| E07000168 | Scarborough | URBAN | COASTAL |
| E07000188 | Sedgemoor | RURAL | COASTAL |
| E08000014 | Sefton | URBAN | COASTAL |
| E07000169 | Selby | RURAL | INLAND |
| E07000111 | Sevenoaks | RURAL | INLAND |
| E08000019 | Sheffield | URBAN | INLAND |
| E07000112 | Shepway | URBAN | COASTAL |
| E06000051 | Shropshire | RURAL | INLAND |
| E06000039 | Slough | URBAN | INLAND |
| E08000029 | Solihull | URBAN | INLAND |
| E07000246 | Somerset West and Taunton | RURAL | COASTAL |
| E07000012 | South Cambridgeshire | RURAL | INLAND |
| E07000039 | South Derbyshire | URBAN | INLAND |
| E06000025 | South Gloucestershire | URBAN | INLAND |
| E07000044 | South Hams | RURAL | COASTAL |
| E07000140 | South Holland | RURAL | COASTAL |
| E07000141 | South Kesteven | RURAL | INLAND |
| E07000031 | South Lakeland | RURAL | COASTAL |
| E07000149 | South Norfolk | RURAL | INLAND |
| E07000155 | South Northamptonshire | RURAL | INLAND |
| E07000179 | South Oxfordshire | RURAL | INLAND |
| E07000126 | South Ribble | URBAN | INLAND |
| E07000189 | South Somerset | RURAL | INLAND |
| E07000196 | South Staffordshire | URBAN | INLAND |
| E08000023 | South Tyneside | URBAN | COASTAL |
| E06000045 | Southampton | URBAN | INLAND |
| E06000033 | Southend-on-Sea | URBAN | COASTAL |
| E09000028 | Southwark | URBAN | INLAND |
| E07000213 | Spelthorne | URBAN | INLAND |
| E07000240 | St Albans | URBAN | INLAND |
| E08000013 | St. Helens | URBAN | INLAND |
| E07000197 | Stafford | URBAN | INLAND |
| E07000198 | Staffordshire Moorlands | RURAL | INLAND |
| E07000243 | Stevenage | URBAN | INLAND |
| E08000007 | Stockport | URBAN | INLAND |
| E06000004 | Stockton-on-Tees | URBAN | INLAND |
| E06000021 | Stoke-on-Trent | URBAN | INLAND |
| E07000221 | Stratford-on-Avon | RURAL | INLAND |
| E07000082 | Stroud | URBAN | INLAND |
| E08000024 | Sunderland | URBAN | COASTAL |
| E07000214 | Surrey Heath | URBAN | INLAND |
| E09000029 | Sutton | URBAN | INLAND |
| E07000113 | Swale | RURAL | COASTAL |
| E06000030 | Swindon | URBAN | INLAND |
| E08000008 | Tameside | URBAN | INLAND |
| E07000199 | Tamworth | URBAN | INLAND |
| E07000215 | Tandridge | URBAN | INLAND |
| E07000045 | Teignbridge | RURAL | COASTAL |
| E06000020 | Telford and Wrekin | URBAN | INLAND |
| E07000076 | Tendring | RURAL | COASTAL |
| E07000093 | Test Valley | URBAN | INLAND |
| E07000083 | Tewkesbury | RURAL | INLAND |
| E07000114 | Thanet | URBAN | COASTAL |
| E07000102 | Three Rivers | URBAN | INLAND |
| E06000034 | Thurrock | URBAN | INLAND |
| E07000115 | Tonbridge and Malling | URBAN | INLAND |
| E06000027 | Torbay | URBAN | COASTAL |
| E07000046 | Torridge | RURAL | COASTAL |
| E09000030 | Tower Hamlets | URBAN | INLAND |
| E08000009 | Trafford | URBAN | INLAND |
| E07000116 | Tunbridge Wells | URBAN | INLAND |
| E07000077 | Uttlesford | RURAL | INLAND |
| E07000180 | Vale of White Horse | RURAL | INLAND |
| E08000036 | Wakefield | URBAN | INLAND |
| E08000030 | Walsall | URBAN | INLAND |
| E09000031 | Waltham Forest | URBAN | INLAND |
| E09000032 | Wandsworth | URBAN | INLAND |
| E06000007 | Warrington | URBAN | INLAND |
| E07000222 | Warwick | URBAN | INLAND |
| E07000103 | Watford | URBAN | INLAND |
| E07000216 | Waverley | RURAL | INLAND |
| E07000065 | Wealden | RURAL | COASTAL |
| E07000156 | Wellingborough | URBAN | INLAND |
| E07000241 | Welwyn Hatfield | URBAN | INLAND |
| E06000037 | West Berkshire | URBAN | INLAND |
| E07000047 | West Devon | RURAL | INLAND |
| E07000127 | West Lancashire | URBAN | INLAND |
| E07000142 | West Lindsey | RURAL | INLAND |
| E07000181 | West Oxfordshire | RURAL | INLAND |
| E07000245 | West Suffolk | RURAL | INLAND |
| E09000033 | Westminster | URBAN | INLAND |
| E08000010 | Wigan | URBAN | INLAND |
| E06000054 | Wiltshire | RURAL | INLAND |
| E07000094 | Winchester | RURAL | INLAND |
| E06000040 | Windsor and Maidenhead | URBAN | INLAND |
| E08000015 | Wirral | URBAN | COASTAL |
| E07000217 | Woking | URBAN | INLAND |
| E06000041 | Wokingham | URBAN | INLAND |
| E08000031 | Wolverhampton | URBAN | INLAND |
| E07000237 | Worcester | URBAN | INLAND |
| E07000229 | Worthing | URBAN | COASTAL |
| E07000238 | Wychavon | RURAL | INLAND |
| E07000128 | Wyre | RURAL | COASTAL |
| E07000239 | Wyre Forest | URBAN | INLAND |
| E06000014 | York | URBAN | INLAND |

**Appendix 2**: Variables included in the frailty index from the English Longitudinal Survey of Ageing (ELSA) (2).

|  |  |
| --- | --- |
| **No** | **Variable** |
| Mobility |  |
| 1 | Difficulty walking 100 yards |
| 2 | Difficulty sitting for 2 hours |
| 3 | Difficulty getting up from chair after sitting long periods |
| 4 | Difficulty climbing several flights stairs without resting |
| 5 | Difficulty climbing one flight stairs without resting |
| 6 | Difficulty stooping, kneeling, or crouching |
| 7 | Difficulty reaching or extending arms above shoulder level |
| 8 | Difficulty pulling or pushing large objects |
| 9 | Difficulty lifting or carrying weights over 10 pounds |
| 10 | Difficulty picking up 5p coin from the table |
| Activities Daily Living (ADL) | |
| 11 | Difficulty dressing, including putting on shoes and socks |
| 12 | Difficulty walking across the room |
| 13 | Difficulty bathing or showering |
| 14 | Difficulty eating, such as cutting up food |
| 15 | Difficulty getting in and out of bed |
| 16 | Difficulty using the toilet, including getting up or down |
| Instrumental Activities Daily Living (IADL) | |
| 17 | Difficulty using map to figure out how to get around strange |
| 18 | Difficulty preparing a hot meal |
| 19 | Difficulty shopping for groceries |
| 20 | Difficulty making telephone calls |
| 21 | Difficulty taking medications |
| 22 | Difficulty managing money, such as paying bills and keeping tracks of expenses |
| 23 | Difficulty doing work around the house or garden |
| Self-reported general health | |
| 24 | Self-reported general health |
| Ever diagnosed by health professionals | |
| 25 | Hypertension |
| 26 | Angina |
| 27 | Heart attack |
| 28 | Congestive heart failure |
| 29 | Abnormal heart rhythm |
| 30 | Diabetes/high blood sugar |
| 31 | Stroke |
| 32 | Lung diseases |
| 33 | Asthma |
| 34 | Arthritis |
| 35 | Osteoporosis |
| 36 | Cancer |
| 37 | Parkinson diseases |
| 38 | Psychiatric conditions |
| 39 | Alzheimer diseases |
| 40 | Dementia |
| Subjective sensory function | |
| 41 | Poor or fair self-reported eyesight |
| 42 | Poor or fair self-reported hearing |
| Falls and other health issues | |
| 43 | Fallen down |
| 44 | Fractured hip |
| 45 | Had joint replacement |
| Cognitive function | |
| 46 | Cannot answer correct day of month |
| 47 | Cannot answer correct month |
| 48 | Cannot answer correct year |
| 49 | Cannot answer correct day |
| 50 | Immediate recall |
| 51 | Delayed recall |

All binary variables are recoded, using the convention that ‘0’ indicates absence and ‘1’ presence of a deficit. Deficit points are summed for each individual, and divided by the total number of deficits, to produce a frailty index with a range from 0 to 1.

**Appendix 3: Pre-frailty results and discussion**

Prevalence of pre-frailty among people age 50+ was 9.9% [95% CI 9.1-10.6]. Estimates were higher for women (pre-frailty: 11.0 [9.9-12.0]%) than men (pre-frailty: 8.7 [7.6-9.7]%). Appendix Table 3a indicates how sex-specific estimates of pre-frailty and frailty varies with age. Like frailty, the prevalence of pre-frailty increases steeply with advancing age. However, the expected prevalence of pre-frailty peaks in the 85-89 year old age group. The lower value for people aged 90+ may be explained by the increased prevalence of the frailty among people aged 90+; as the proportion of people who are frail increases, the proportion of people who are robust and pre-frail must eventually start decreasing.

Among local authorities, the lowest pre-frailty prevalence of people aged 50 and over is 6.3 [5.8-6.8]%, and the highest is 16.6 [15.5-17.8]%, a factor of 2.7 [2.4-2.9] difference.

These small-areas estimates of pre-frailty prevalence could be used to target interventions aimed at delaying the onset of frailty. This may be especially useful in areas which already have large pre-frail populations, as increases in the size of the frail population may see increased demand on health and care services.

|  |  |  |  |
| --- | --- | --- | --- |
| **Appendix 3a:** Estimated pre-frailty prevalence in 2020 by sex and age using ordered logistic regression model calculated from ELSA wave 8 data. 95% confidence intervals (CI) given. | | | |
| **Age group** | **All (%, CI)** | **Male (%, CI)** | **Females (%, CI)** | |
| ***Pre-frailty*** |  |  |  | |
| 50-54 | 4.3 (1.7-6.9) | 3.5 (1.3-5.8) | 5.0 (1.9-8.1) | |
| 55-59 | 3.0 (1.6-4.4) | 2.4 (1.1-3.7) | 3.5 (1.8-5.1) | |
| 60-64 | 6.7 (5.2-8.2) | 5.6 (4.2-7.1) | 7.7 (5.9-9.5) | |
| 65-69 | 8.2 (6.6-9.7) | 6.9 (5.3-8.5) | 9.3 (7.5-11.1) | |
| 70-74 | 12.4 (10.5-14.3) | 10.7 (8.7-12.6) | 14.0 (11.7-16.2) | |
| 75-80 | 15.7 (13.3-18.1) | 13.7 (11.3-16.1) | 17.4 (14.7-20.2) | |
| 80-84 | 20.7 (17.6-23.8) | 18.6 (15.3-21.8) | 22.6 (19.1-26.1) | |
| 85-89 | 29.5 (24.3-34.7) | 27.8 (22.3-33.4) | 31.0 (25.6-36.4) | |
| 90+ | 27.0 (19.0-35.0) | 26.9 (18.4-35.4) | 27.1 (19.1-35.2) | |
| 50+ | 9.9 (9.1-10.6) | 8.7 (7.6-9.7) | 11.0 (9.9-12.0) | |
| ***Frailty*** |  |  |  | |
| 50-54 | 2.8 (0.8-4.7) | 2.3 (0.6-4.0) | 3.2 (1.0-5.4) | |
| 55-59 | 4.3 (2.3-6.3) | 3.6 (2.0-5.2) | 4.9 (2.5-7.3) | |
| 60-64 | 6.8 (5.3-8.4) | 5.8 (4.3-7.2) | 7.8 (5.9-9.7) | |
| 65-69 | 6.0 (4.7-7.3) | 5.0 (3.7-6.3) | 6.9 (5.3-8.4) | |
| 70-74 | 7.9 (6.3-9.5) | 6.7 (5.1-8.3) | 9.0 (7.1-11.0) | |
| 75-80 | 10.0 (7.9-12.1) | 8.5 (6.4-10.5) | 11.4 (8.9-13.9) | |
| 80-84 | 13.9 (11.3-16.6) | 11.9 (9.1-14.7) | 15.7 (12.7-18.8) | |
| 85-89 | 22.9 (18.1-27.7) | 20.0 (15.0-25.0) | 25.5 (20.4-30.7) | |
| 90+ | 40.8 (32.3-49.4) | 36.9 (28.0-45.8) | 44.4 (35.5-53.3) | |
| 50+ | 8.1 (7.3-8.8) | 6.8 (5.9-7.8) | 9.1 (8.0-10.1) | |

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| **Appendix 3b:** Prevalence of pre-frailty and frailty among over 50s in among different local authority district area types. All local authority districts are categorised as either rural or urban, and either inland or coastal. Rural-inland shows areas that are both rural and inland; similarly for urban-inland, rural-coast and urban-coast. Boxes indicate the 25th to 75th percentiles, notches the uncertainty on the median, and whiskers the largest/smallest value no further than 1.5 times the interquartile range above/below each box. Dots indicate outliers from the whiskers. |
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| **Appendix 3c:** Risk ratio of being pre-frail and frail in (left) urban, relative to rural and (right) in coastal, relative to inland, local authority districts. Risk ratios are calculated using median prevalence of local authority districts in each area type. | |
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**Appendix 4**: Detailed methods

**Area measures**

The small area estimation methodology requires covariate data to be available on a geography compatible with LADs. Population data were obtained from the forecast populations, which are rounded to the nearest 100, leading to population estimates of zero for some age bands in two small local authority districts (Isles of Scilly and City of London). Consequently 2018 mid-year population estimates (3) (which are estimated to the nearest integer) were substituted for these locations.

Local authority district boundaries have changed since the 2019 IMD data and ONS population forecasts were produced. We have accounted for changes up to January 2021. The affected LADs include Somerset and Taunton (4), East Suffolk (5), West Suffolk (6), and Bournemouth, Christchurch and Poole and Dorset (7). These changes all involve the merging of local authority districts to produce larger ones. We summed the precursor local authority district population forecasts to estimate the successor authorities’ populations. IMD deprivation scores were estimated by a population-weighted average of the precursor authorities’ scores.

**Statistical analysis**

Small area estimation is a statistical method for generating estimates in small geographical areas that would otherwise not have enough representative samples to derive precise direct estimates. This approach was used to create area estimates for the 314 lower-tier LADs (as of January 2021) in England. Our outcome measure for analysis is the prevalence estimate for pre-frailty and frailty. The small area estimation approach obtained the small area statistics by modelling the individual-level outcome measures from the model of ELSA wave 8 individual-level data, against a set of external area-level covariates and applying these to the population data as described below.

The analysis was conducted in several steps. First, the frailty index was generated and extracted from ELSA wave 8 for respondents aged 50+ years, along with their age, sex and deprivation level (measured by IMD average score quintile). Next, a generalised ordered logistic regression was used to investigate the association between pre-frailty, frailty and age, sex and deprivation in each study.

Inverse probability weighting was used to account for non-response (17.6% in ELSA wave 8 (8)). A possible interaction effect between frailty, age and sex was investigated and found not to be significant.

Finally, the predicted estimates of age, sex and deprivation prevalence of pre-frailty and frailty from the model were combined with the population data of each LAD. Population forecasts for 2020 for each LAD in England, split into sex, and five-year age bands were obtained from the Office for National Statistics with each LAD matched by its deprivation score to the appropriate predicted prevalence.

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| **Appendix 5a:** Coefficients of generalised ordered logistic regression model for pre-frailty and frailty prevalence. Coefficients values of 0 are assigned to deprivation (IMD) quintile = 5 (least deprived); age range 50-54; and male. | | | | |
|  | Prefrail | | Frail | |
| Coef. | Std. Err. | Coef. | Std. Err. |
| Deprivation (IMD) quintile | | | | |
| 1 (most) | 1.43 | 0.13 | 1.46 | 0.17 |
| 2 | 0.63 | 0.12 | 0.84 | 0.18 |
| 3 | 0.42 | 0.12 | 0.54 | 0.17 |
| 4 | 0.15 | 0.12 | 0.09 | 0.17 |
| Age range | | | | |
| 55-59 | 0.02 | 0.30 | 0.46 | 0.45 |
| 60-64 | 0.74 | 0.26 | 0.97 | 0.39 |
| 65-69 | 0.80 | 0.26 | 0.82 | 0.39 |
| 70-74 | 1.25 | 0.25 | 1.13 | 0.39 |
| 75-79 | 1.57 | 0.26 | 1.39 | 0.39 |
| 80-84 | 2.02 | 0.26 | 1.78 | 0.39 |
| 85-89 | 2.80 | 0.27 | 2.42 | 0.40 |
| 90+ | 3.48 | 0.31 | 3.32 | 0.41 |
| Female | | | | |
|  | 0.37 | 0.08 | 0.33 | 0.11 |
| Constant | | | | |
|  | -3.32 | 0.26 | -4.37 | 0.41 |

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| **Appendix 5b**: Probability of pre-frailty and frailty for each age group, deprivation quintile and sex. The probability of pre-frailty and frailty generally increases with age and deprivation. The exception is for the most deprived people, whose probability of pre-frailty decreases for 85-89 to 90+, however this is due to a marked increase in their probability of frailty, rather than any increase in the probability of not being pre-frail or frail. |
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| **Appendix 6:** Comparison of prevalence of frailty and pre-frailty in rural and urban, and in coastal and inland Local Authority Districts among people aged 50 and over. Figures show median prevalence (%), along with 95% confidence intervals. | | | | | | |
| Frailty status | Frail | | | Pre-frail | | |
| Sex | Total | Male | Female | Total | Male | Female |
| Rural (%) | 4.8  (4.3-5.3) | 4.3  (3.9-4.7) | 5.2  (4.7-5.7) | 8.3  (8.0-8.6) | 7.6  (7.3-7.9) | 9.1  (8.8-9.3) |
| Urban (%) | 7.3  (6.5-8.2) | 6.6  (5.9-7.4) | 7.9  (7.0-8.8) | 8.4  (7.8-9.0) | 7.7  (7.1-8.3) | 9.1  (8.5-9.6) |
| Inland (%) | 6.7  (6.2-7.1) | 5.9  (5.5-6.3) | 7.3  (6.9-7.8) | 8.2  (8.0-8.3) | 7.4  (7.3-7.6) | 8.8  (8.7-9.0) |
| Coastal (%) | 8.9  (7.9-9.9) | 7.8  (6.9-8.8) | 9.7  (8.6-10.7) | 9.1  (8.4-9.8) | 8.4  (7.7-9.1) | 9.7  (9.0-10.4) |
| Rural Inland (%) | 4.5  (4.1-5.0) | 4.0  (3.7-4.4) | 5.0  (4.6-5.5) | 7.9  (7.6-8.2) | 7.1  (6.8-7.4) | 8.6  (8.3-9.0) |
| Urban Inland (%) | 6.9  (6.4-7.4) | 6.2  (5.7-6.7) | 7.5  (7.0-8.1) | 8.2  (8.0-8.4) | 7.5  (7.3-7.6) | 8.9  (8.7-9.2) |
| Rural  Coast (%) | 7.4  (6.2-8.6) | 6.7  (5.6-7.8) | 8.0  (6.6-9.4) | 9.1  (8.9-9.3) | 8.4  (8.2-8.7) | 9.7  (9.5-10.0 |
| Urban Coast (%) | 9.0  (7.2-10.8) | 8.1  (6.4-9.8) | 9.7  (7.8-11.7) | 9.1  (7.6-10.7) | 8.4  (6.9-10.0) | 9.6  (8.1-11.2) |

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| **Appendix 7a:** Estimated prevalence of pre-frailty among people over 50 in each local authority district in England, 2020 |
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| **Appendix 7b:** Estimated prevalence of pre-frailty among males over 50 in each local authority district in England, 2020 |
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| **Appendix 7c:** Estimated prevalence of pre-frailty among females over 50 in each local authority district in England, 2020 |
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| **Appendix 7d:** Estimated prevalence of frailty among males over 50 in each local authority district in England, 2020 |
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| **Appendix 7e:** Estimated prevalence of frailty among females over 50 in each local authority district in England, 2020 |
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**Appendix 8:** Prevalence of pre-frailty and frailty in over 50 population of each local authority district in England. Results presented as percent and 95% confidence interval

|  | **Male and Female,**  **Over 50 population (%, CI)** | | **Male,**  **Over 50 population (%, CI)** | | **Female,**  **Over 50 population (%, CI)** | |
| --- | --- | --- | --- | --- | --- | --- |
| **Local authority district** | **Pre-frail** | **Frail** | **Pre-frail** | **Frail** | **Pre-frail** | **Frail** |
| Adur | 8.8 (8.2-9.5) | 7.2 (6.6-7.8) | 8.2 (7.4-9.1) | 6.5 (5.8-7.3) | 9.4 (8.4-10.3) | 7.8 (6.9-8.6) |
| Allerdale | 9.2 (8.5-9.9) | 9.1 (8.4-9.9) | 8.4 (7.5-9.4) | 8.2 (7.2-9.1) | 9.9 (8.9-11.0) | 10.0 (8.9-11.2) |
| Amber Valley | 8.4 (7.8-9.0) | 6.8 (6.2-7.3) | 7.6 (6.8-8.4) | 6.0 (5.3-6.7) | 9.1 (8.2-10.1) | 7.5 (6.6-8.3) |
| Arun | 9.3 (8.6-9.9) | 7.4 (6.9-8.0) | 8.9 (8.0-9.7) | 6.9 (6.1-7.7) | 9.6 (8.7-10.5) | 7.9 (7.0-8.7) |
| Ashfield | 8.7 (8.0-9.4) | 8.6 (7.9-9.4) | 7.9 (7.0-8.8) | 7.7 (6.7-8.6) | 9.5 (8.4-10.5) | 9.6 (8.4-10.7) |
| Ashford | 8.3 (7.6-8.9) | 6.7 (6.1-7.2) | 7.5 (6.7-8.3) | 6.0 (5.3-6.7) | 8.9 (8.0-9.9) | 7.3 (6.5-8.2) |
| Babergh | 8.5 (8.0-9.1) | 4.9 (4.5-5.3) | 7.9 (7.1-8.6) | 4.4 (3.9-5.0) | 9.2 (8.4-10.0) | 5.4 (4.7-6.0) |
| Barking and Dagenham | 13.3 (12.0-14.6) | 12.9 (11.7-14.1) | 12.8 (11.1-14.5) | 12.0 (10.4-13.6) | 13.7 (11.8-15.6) | 13.8 (12.0-15.5) |
| Barnet | 7.6 (7.1-8.2) | 4.5 (4.1-4.9) | 7.1 (6.3-7.8) | 4.1 (3.6-4.6) | 8.1 (7.4-8.9) | 4.9 (4.3-5.5) |
| Barnsley | 15.2 (14.0-16.4) | 14.5 (13.3-15.6) | 14.3 (12.7-15.9) | 13.0 (11.5-14.5) | 16.1 (14.3-17.9) | 15.8 (14.1-17.5) |
| Barrow-in-Furness | 15.4 (14.2-16.5) | 14.5 (13.4-15.7) | 14.5 (12.9-16.1) | 13.1 (11.6-14.6) | 16.2 (14.4-17.9) | 15.8 (14.1-17.5) |
| Basildon | 8.5 (7.8-9.2) | 8.5 (7.8-9.3) | 7.9 (7.0-8.9) | 7.8 (6.8-8.8) | 9.0 (8.0-10.0) | 9.2 (8.1-10.3) |
| Basingstoke and Deane | 7.5 (7.0-8.1) | 4.4 (4.0-4.8) | 6.7 (6.1-7.4) | 3.9 (3.4-4.3) | 8.3 (7.5-9.0) | 4.9 (4.3-5.5) |
| Bassetlaw | 9.1 (8.4-9.8) | 9.0 (8.3-9.8) | 8.2 (7.3-9.1) | 8.0 (7.0-8.9) | 9.9 (8.8-11.0) | 10.0 (8.8-11.2) |
| Bath and North East Somerset | 7.0 (6.5-7.5) | 4.3 (4.0-4.7) | 6.4 (5.7-7.1) | 3.9 (3.4-4.4) | 7.5 (6.8-8.3) | 4.7 (4.2-5.3) |
| Bedford | 8.4 (7.8-9.0) | 6.9 (6.3-7.5) | 7.6 (6.8-8.4) | 6.1 (5.4-6.9) | 9.1 (8.2-10.1) | 7.6 (6.7-8.5) |
| Bexley | 7.9 (7.3-8.5) | 6.5 (6.0-7.1) | 7.4 (6.6-8.2) | 6.0 (5.3-6.7) | 8.3 (7.4-9.1) | 6.9 (6.1-7.7) |
| Birmingham | 14.5 (13.3-15.7) | 14.1 (13.0-15.2) | 14.0 (12.4-15.6) | 13.0 (11.5-14.5) | 15.0 (13.3-16.8) | 15.1 (13.4-16.8) |
| Blaby | 6.8 (6.3-7.3) | 4.2 (3.8-4.5) | 6.1 (5.5-6.8) | 3.7 (3.2-4.2) | 7.4 (6.6-8.1) | 4.6 (4.0-5.1) |
| Blackburn with Darwen | 14.8 (13.5-16.0) | 13.8 (12.6-15.0) | 13.7 (12.1-15.4) | 12.3 (10.8-13.9) | 15.7 (13.8-17.6) | 15.2 (13.4-17.0) |
| Blackpool | 15.3 (14.1-16.5) | 14.6 (13.4-15.8) | 14.3 (12.7-15.9) | 13.1 (11.5-14.6) | 16.2 (14.4-18.0) | 16.0 (14.3-17.8) |
| Bolsover | 8.7 (8.0-9.5) | 8.6 (7.9-9.4) | 7.9 (7.0-8.9) | 7.7 (6.7-8.6) | 9.5 (8.4-10.5) | 9.5 (8.4-10.7) |
| Bolton | 15.0 (13.8-16.2) | 14.2 (13.0-15.3) | 14.3 (12.6-15.9) | 12.9 (11.4-14.4) | 15.7 (13.9-17.5) | 15.4 (13.7-17.1) |
| Boston | 9.1 (8.4-9.8) | 9.0 (8.2-9.7) | 8.5 (7.5-9.4) | 8.1 (7.2-9.1) | 9.7 (8.7-10.7) | 9.8 (8.6-10.9) |
| Bournemouth, Christchurch and Poole | 9.0 (8.3-9.6) | 7.3 (6.7-7.9) | 8.3 (7.4-9.1) | 6.6 (5.8-7.3) | 9.6 (8.6-10.5) | 8.0 (7.1-8.8) |
| Bracknell Forest | 6.3 (5.8-6.8) | 4.0 (3.6-4.3) | 5.5 (4.9-6.1) | 3.4 (3.0-3.9) | 7.0 (6.2-7.7) | 4.4 (3.9-5.0) |
| Bradford | 14.5 (13.4-15.7) | 13.9 (12.8-15.1) | 14.0 (12.4-15.6) | 12.8 (11.3-14.3) | 15.1 (13.3-16.8) | 14.9 (13.2-16.6) |
| Braintree | 7.9 (7.3-8.4) | 4.5 (4.1-4.9) | 7.1 (6.4-7.8) | 4.0 (3.6-4.5) | 8.5 (7.7-9.3) | 5.0 (4.4-5.6) |
| Breckland | 9.2 (8.6-9.9) | 7.4 (6.8-8.0) | 8.4 (7.5-9.2) | 6.6 (5.8-7.3) | 10.0 (9.0-11.0) | 8.1 (7.3-9.0) |
| Brent | 8.0 (7.3-8.7) | 8.3 (7.5-9.1) | 7.3 (6.4-8.3) | 7.4 (6.4-8.4) | 8.7 (7.6-9.7) | 9.1 (7.9-10.3) |
| Brentwood | 7.1 (6.6-7.6) | 4.4 (4.0-4.7) | 6.5 (5.8-7.2) | 3.9 (3.4-4.4) | 7.6 (6.9-8.4) | 4.8 (4.2-5.3) |
| Brighton and Hove | 8.0 (7.3-8.6) | 6.6 (6.0-7.2) | 7.2 (6.3-8.0) | 5.8 (5.1-6.6) | 8.7 (7.7-9.7) | 7.3 (6.4-8.2) |
| Bristol, City of | 8.5 (7.8-9.2) | 8.6 (7.9-9.4) | 7.9 (6.9-8.8) | 7.8 (6.8-8.8) | 9.1 (8.1-10.2) | 9.4 (8.3-10.6) |
| Broadland | 7.4 (6.9-8.0) | 4.5 (4.1-4.9) | 6.7 (6.0-7.4) | 4.0 (3.5-4.5) | 8.0 (7.3-8.8) | 5.0 (4.4-5.5) |
| Bromley | 7.6 (7.0-8.1) | 4.4 (4.1-4.8) | 7.1 (6.4-7.8) | 4.1 (3.6-4.6) | 8.0 (7.2-8.7) | 4.8 (4.2-5.3) |
| Bromsgrove | 7.2 (6.7-7.7) | 4.4 (4.0-4.8) | 6.5 (5.8-7.2) | 3.9 (3.4-4.4) | 7.9 (7.1-8.6) | 4.9 (4.3-5.5) |
| Broxbourne | 8.3 (7.7-8.9) | 6.7 (6.2-7.3) | 7.8 (7.0-8.6) | 6.2 (5.5-6.9) | 8.7 (7.8-9.6) | 7.2 (6.4-8.0) |
| Broxtowe | 8.2 (7.6-8.7) | 4.7 (4.3-5.1) | 7.4 (6.7-8.1) | 4.2 (3.7-4.7) | 8.9 (8.1-9.7) | 5.2 (4.6-5.8) |
| Buckinghamshire | 6.8 (6.3-7.3) | 4.2 (3.8-4.6) | 6.1 (5.5-6.8) | 3.8 (3.3-4.2) | 7.4 (6.6-8.1) | 4.6 (4.1-5.2) |
| Burnley | 15.2 (14.0-16.4) | 14.3 (13.2-15.5) | 14.5 (12.9-16.1) | 13.0 (11.5-14.5) | 15.9 (14.2-17.7) | 15.5 (13.8-17.2) |
| Bury | 8.6 (7.9-9.3) | 8.5 (7.8-9.3) | 7.9 (7.0-8.9) | 7.7 (6.8-8.7) | 9.1 (8.1-10.1) | 9.3 (8.1-10.4) |
| Calderdale | 8.4 (7.7-9.1) | 8.4 (7.6-9.1) | 7.7 (6.7-8.6) | 7.5 (6.5-8.4) | 9.1 (8.0-10.1) | 9.2 (8.0-10.3) |
| Cambridge | 7.9 (7.4-8.5) | 4.7 (4.3-5.1) | 7.1 (6.4-7.8) | 4.2 (3.6-4.7) | 8.7 (7.9-9.5) | 5.3 (4.6-5.9) |
| Camden | 7.9 (7.3-8.6) | 6.6 (6.1-7.2) | 7.2 (6.3-8.0) | 5.9 (5.2-6.6) | 8.7 (7.7-9.6) | 7.4 (6.5-8.2) |
| Cannock Chase | 8.2 (7.6-8.8) | 6.7 (6.1-7.2) | 7.4 (6.6-8.2) | 5.9 (5.2-6.6) | 8.9 (8.0-9.9) | 7.3 (6.5-8.2) |
| Canterbury | 8.7 (8.1-9.4) | 7.1 (6.6-7.7) | 8.2 (7.4-9.1) | 6.6 (5.8-7.3) | 9.2 (8.3-10.1) | 7.6 (6.8-8.5) |
| Carlisle | 9.0 (8.3-9.7) | 9.0 (8.2-9.7) | 8.3 (7.4-9.2) | 8.1 (7.2-9.1) | 9.6 (8.6-10.6) | 9.8 (8.6-10.9) |
| Castle Point | 9.0 (8.3-9.6) | 7.2 (6.6-7.8) | 8.3 (7.5-9.2) | 6.5 (5.8-7.3) | 9.6 (8.6-10.5) | 7.8 (7.0-8.7) |
| Central Bedfordshire | 6.7 (6.2-7.2) | 4.2 (3.8-4.6) | 6.0 (5.3-6.6) | 3.7 (3.2-4.1) | 7.4 (6.7-8.2) | 4.7 (4.1-5.3) |
| Charnwood | 8.0 (7.5-8.5) | 4.6 (4.2-5.0) | 7.2 (6.5-7.9) | 4.1 (3.6-4.6) | 8.7 (8.0-9.5) | 5.1 (4.5-5.8) |
| Chelmsford | 7.0 (6.5-7.5) | 4.3 (3.9-4.7) | 6.3 (5.7-7.0) | 3.8 (3.4-4.3) | 7.6 (6.8-8.3) | 4.7 (4.1-5.3) |
| Cheltenham | 8.1 (7.6-8.7) | 4.8 (4.4-5.2) | 7.5 (6.8-8.2) | 4.3 (3.8-4.8) | 8.7 (8.0-9.5) | 5.2 (4.6-5.8) |
| Cherwell | 8.0 (7.4-8.5) | 4.6 (4.2-5.0) | 7.1 (6.4-7.8) | 4.1 (3.6-4.6) | 8.7 (7.9-9.5) | 5.1 (4.5-5.8) |
| Cheshire East | 8.2 (7.6-8.7) | 4.7 (4.3-5.1) | 7.4 (6.7-8.2) | 4.2 (3.7-4.7) | 8.8 (8.0-9.6) | 5.2 (4.6-5.8) |
| Cheshire West and Chester | 8.5 (7.9-9.1) | 6.9 (6.3-7.4) | 7.8 (7.0-8.7) | 6.2 (5.5-6.9) | 9.1 (8.2-10.1) | 7.5 (6.6-8.3) |
| Chesterfield | 8.7 (8.0-9.4) | 8.7 (7.9-9.4) | 8.0 (7.1-8.9) | 7.8 (6.8-8.7) | 9.4 (8.3-10.4) | 9.5 (8.3-10.6) |
| Chichester | 8.5 (8.0-9.0) | 4.9 (4.5-5.3) | 8.0 (7.2-8.7) | 4.5 (3.9-5.0) | 9.0 (8.2-9.7) | 5.2 (4.6-5.8) |
| Chorley | 8.4 (7.7-9.0) | 6.7 (6.2-7.3) | 7.5 (6.6-8.3) | 5.9 (5.2-6.6) | 9.2 (8.3-10.2) | 7.5 (6.6-8.4) |
| City of London | 9.2 (8.6-9.9) | 5.5 (5.0-6.0) | 7.3 (6.5-8.0) | 4.3 (3.7-4.8) | 11.6 (10.4-12.7) | 7.0 (6.2-7.9) |
| Colchester | 8.3 (7.7-8.9) | 6.7 (6.1-7.2) | 7.7 (6.8-8.5) | 6.1 (5.3-6.8) | 8.8 (7.9-9.7) | 7.2 (6.4-8.1) |
| Copeland | 9.1 (8.4-9.8) | 9.0 (8.3-9.8) | 8.1 (7.2-9.0) | 7.8 (6.9-8.8) | 10.1 (9.0-11.2) | 10.2 (9.0-11.5) |
| Corby | 7.8 (7.1-8.5) | 7.9 (7.1-8.6) | 7.1 (6.2-8.1) | 7.1 (6.1-8.0) | 8.4 (7.3-9.4) | 8.6 (7.4-9.8) |
| Cornwall | 9.2 (8.5-9.9) | 9.1 (8.3-9.8) | 8.6 (7.7-9.6) | 8.3 (7.3-9.3) | 9.7 (8.7-10.7) | 9.8 (8.7-10.9) |
| Cotswold | 7.2 (6.6-7.7) | 4.4 (4.0-4.8) | 6.5 (5.9-7.2) | 3.9 (3.4-4.4) | 7.7 (7.0-8.5) | 4.8 (4.2-5.3) |
| County Durham | 15.3 (14.2-16.5) | 14.5 (13.4-15.7) | 14.6 (13.0-16.2) | 13.2 (11.7-14.7) | 16.0 (14.3-17.7) | 15.8 (14.1-17.4) |
| Coventry | 8.7 (8.0-9.4) | 8.8 (8.0-9.5) | 8.0 (7.1-8.9) | 7.9 (6.9-8.9) | 9.3 (8.3-10.4) | 9.6 (8.4-10.7) |
| Craven | 8.1 (7.6-8.7) | 4.7 (4.3-5.1) | 7.6 (6.8-8.3) | 4.3 (3.8-4.8) | 8.7 (7.9-9.4) | 5.1 (4.5-5.7) |
| Crawley | 7.7 (7.1-8.3) | 6.5 (5.9-7.0) | 6.9 (6.1-7.7) | 5.7 (5.0-6.4) | 8.4 (7.4-9.4) | 7.2 (6.3-8.0) |
| Croydon | 7.9 (7.2-8.6) | 8.1 (7.4-8.9) | 7.4 (6.4-8.3) | 7.4 (6.5-8.4) | 8.3 (7.3-9.4) | 8.7 (7.6-9.9) |
| Dacorum | 7.6 (7.1-8.2) | 4.5 (4.1-4.9) | 7.0 (6.3-7.7) | 4.1 (3.6-4.6) | 8.2 (7.5-9.0) | 5.0 (4.4-5.6) |
| Darlington | 8.8 (8.1-9.5) | 8.8 (8.0-9.5) | 8.2 (7.3-9.1) | 7.9 (7.0-8.9) | 9.4 (8.4-10.4) | 9.5 (8.4-10.6) |
| Dartford | 8.0 (7.4-8.6) | 6.6 (6.1-7.2) | 7.2 (6.4-8.0) | 5.9 (5.2-6.6) | 8.7 (7.7-9.7) | 7.3 (6.5-8.2) |
| Daventry | 7.9 (7.4-8.4) | 4.5 (4.1-4.9) | 6.9 (6.2-7.6) | 3.9 (3.4-4.4) | 8.8 (8.0-9.7) | 5.1 (4.5-5.7) |
| Derby | 8.7 (8.0-9.4) | 8.8 (8.0-9.5) | 8.1 (7.1-9.0) | 8.0 (7.0-9.0) | 9.2 (8.2-10.2) | 9.5 (8.3-10.6) |
| Derbyshire Dales | 7.1 (6.6-7.6) | 4.3 (3.9-4.7) | 6.3 (5.7-7.0) | 3.8 (3.3-4.3) | 7.8 (7.0-8.5) | 4.8 (4.2-5.4) |
| Doncaster | 15.0 (13.9-16.2) | 14.3 (13.2-15.5) | 14.3 (12.7-15.9) | 13.0 (11.5-14.6) | 15.7 (14.0-17.4) | 15.5 (13.8-17.2) |
| Dorset | 8.7 (8.2-9.3) | 5.0 (4.6-5.4) | 8.0 (7.3-8.8) | 4.5 (4.0-5.0) | 9.3 (8.5-10.1) | 5.4 (4.8-6.0) |
| Dover | 9.1 (8.4-9.8) | 9.0 (8.3-9.8) | 8.3 (7.4-9.3) | 8.0 (7.1-9.0) | 9.9 (8.8-10.9) | 9.9 (8.8-11.1) |
| Dudley | 9.0 (8.3-9.7) | 8.9 (8.1-9.6) | 8.3 (7.3-9.2) | 8.0 (7.0-8.9) | 9.7 (8.6-10.7) | 9.7 (8.6-10.9) |
| Ealing | 8.2 (7.4-8.9) | 8.4 (7.6-9.2) | 7.4 (6.5-8.4) | 7.5 (6.5-8.5) | 8.8 (7.7-9.9) | 9.3 (8.1-10.5) |
| East Cambridgeshire | 7.1 (6.6-7.6) | 4.3 (4.0-4.7) | 6.3 (5.7-7.0) | 3.8 (3.3-4.3) | 7.9 (7.1-8.6) | 4.9 (4.3-5.4) |
| East Devon | 9.0 (8.4-9.5) | 5.1 (4.7-5.5) | 8.4 (7.6-9.2) | 4.7 (4.1-5.2) | 9.5 (8.7-10.3) | 5.5 (4.9-6.1) |
| East Hampshire | 7.1 (6.6-7.6) | 4.4 (4.0-4.8) | 6.5 (5.8-7.2) | 4.0 (3.5-4.5) | 7.7 (6.9-8.4) | 4.8 (4.3-5.4) |
| East Hertfordshire | 6.6 (6.1-7.1) | 4.2 (3.8-4.5) | 6.0 (5.3-6.6) | 3.7 (3.2-4.2) | 7.3 (6.5-8.0) | 4.6 (4.0-5.2) |
| East Lindsey | 16.6 (15.5-17.8) | 15.7 (14.6-16.8) | 15.9 (14.3-17.5) | 14.3 (12.7-15.8) | 17.3 (15.6-18.9) | 17.0 (15.3-18.6) |
| East Northamptonshire | 8.0 (7.5-8.6) | 4.6 (4.2-5.0) | 7.1 (6.4-7.8) | 4.0 (3.5-4.5) | 8.9 (8.1-9.7) | 5.2 (4.6-5.8) |
| East Riding of Yorkshire | 8.2 (7.7-8.8) | 4.7 (4.3-5.1) | 7.5 (6.8-8.2) | 4.2 (3.7-4.7) | 8.9 (8.1-9.7) | 5.1 (4.5-5.7) |
| East Staffordshire | 8.2 (7.6-8.8) | 6.6 (6.1-7.2) | 7.4 (6.6-8.2) | 5.9 (5.2-6.6) | 9.0 (8.0-9.9) | 7.4 (6.5-8.2) |
| East Suffolk | 9.2 (8.6-9.8) | 7.4 (6.8-8.0) | 8.6 (7.7-9.4) | 6.7 (6.0-7.5) | 9.8 (8.8-10.7) | 8.0 (7.2-8.9) |
| Eastbourne | 9.6 (8.9-10.3) | 9.8 (9.0-10.5) | 9.2 (8.2-10.1) | 9.1 (8.0-10.1) | 10.0 (8.9-11.0) | 10.4 (9.3-11.5) |
| Eastleigh | 6.9 (6.4-7.4) | 4.3 (3.9-4.7) | 6.3 (5.6-6.9) | 3.8 (3.3-4.3) | 7.5 (6.8-8.3) | 4.7 (4.1-5.3) |
| Eden | 8.9 (8.3-9.5) | 7.1 (6.5-7.7) | 8.1 (7.2-8.9) | 6.3 (5.6-7.0) | 9.7 (8.7-10.6) | 7.9 (7.0-8.7) |
| Elmbridge | 6.8 (6.3-7.3) | 4.3 (3.9-4.7) | 6.3 (5.6-7.0) | 3.9 (3.4-4.4) | 7.2 (6.5-8.0) | 4.6 (4.0-5.2) |
| Enfield | 7.9 (7.2-8.6) | 8.1 (7.3-8.8) | 7.4 (6.5-8.4) | 7.4 (6.4-8.4) | 8.3 (7.3-9.4) | 8.7 (7.5-9.8) |
| Epping Forest | 7.8 (7.3-8.3) | 4.5 (4.1-4.9) | 7.3 (6.5-8.0) | 4.2 (3.6-4.7) | 8.2 (7.5-9.0) | 4.9 (4.3-5.5) |
| Epsom and Ewell | 6.8 (6.3-7.3) | 4.3 (3.9-4.7) | 6.2 (5.5-6.9) | 3.8 (3.3-4.3) | 7.4 (6.7-8.2) | 4.7 (4.1-5.3) |
| Erewash | 8.3 (7.7-9.0) | 6.8 (6.2-7.4) | 7.6 (6.8-8.5) | 6.1 (5.4-6.8) | 9.0 (8.1-9.9) | 7.4 (6.6-8.3) |
| Exeter | 8.1 (7.5-8.7) | 6.5 (6.0-7.1) | 7.7 (6.9-8.5) | 6.1 (5.4-6.8) | 8.4 (7.5-9.2) | 6.9 (6.1-7.7) |
| Fareham | 7.2 (6.7-7.8) | 4.4 (4.1-4.8) | 6.6 (5.9-7.3) | 4.0 (3.5-4.5) | 7.8 (7.1-8.6) | 4.8 (4.3-5.4) |
| Fenland | 9.2 (8.5-9.9) | 9.2 (8.4-9.9) | 8.4 (7.5-9.4) | 8.2 (7.2-9.2) | 9.9 (8.9-10.9) | 10.0 (8.9-11.2) |
| Folkestone and Hythe | 9.3 (8.6-10.0) | 9.2 (8.5-10.0) | 8.6 (7.6-9.5) | 8.3 (7.3-9.3) | 9.9 (8.9-11.0) | 10.1 (8.9-11.2) |
| Forest of Dean | 8.7 (8.1-9.4) | 7.0 (6.4-7.6) | 7.9 (7.0-8.7) | 6.2 (5.4-6.9) | 9.6 (8.6-10.5) | 7.8 (6.9-8.7) |
| Fylde | 8.3 (7.8-8.9) | 4.7 (4.3-5.1) | 7.6 (6.9-8.3) | 4.2 (3.7-4.7) | 9.0 (8.2-9.7) | 5.1 (4.5-5.8) |
| Gateshead | 15.2 (14.1-16.4) | 14.6 (13.5-15.8) | 14.6 (13.1-16.2) | 13.4 (11.9-14.9) | 15.8 (14.1-17.5) | 15.7 (14.1-17.4) |
| Gedling | 7.8 (7.3-8.4) | 4.5 (4.1-4.8) | 7.2 (6.4-7.9) | 4.0 (3.5-4.5) | 8.5 (7.7-9.2) | 4.9 (4.3-5.5) |
| Gloucester | 8.4 (7.7-9.1) | 8.5 (7.8-9.3) | 7.8 (6.8-8.7) | 7.7 (6.8-8.7) | 9.0 (8.0-10.0) | 9.3 (8.1-10.4) |
| Gosport | 8.5 (7.9-9.1) | 6.9 (6.4-7.5) | 7.8 (6.9-8.6) | 6.2 (5.5-6.9) | 9.2 (8.3-10.1) | 7.6 (6.8-8.5) |
| Gravesham | 8.8 (8.1-9.6) | 8.9 (8.1-9.7) | 8.0 (7.1-8.9) | 7.9 (6.9-8.8) | 9.6 (8.5-10.7) | 9.9 (8.7-11.1) |
| Great Yarmouth | 16.2 (15.0-17.3) | 15.5 (14.3-16.6) | 15.5 (14.0-17.1) | 14.1 (12.6-15.7) | 16.8 (15.1-18.4) | 16.7 (15.0-18.3) |
| Greenwich | 7.7 (7.0-8.5) | 8.0 (7.2-8.8) | 7.0 (6.1-8.0) | 7.1 (6.1-8.1) | 8.4 (7.3-9.5) | 8.8 (7.6-10.0) |
| Guildford | 6.9 (6.3-7.4) | 4.3 (3.9-4.7) | 6.2 (5.5-6.9) | 3.8 (3.3-4.3) | 7.5 (6.7-8.2) | 4.7 (4.1-5.3) |
| Hackney | 13.4 (12.0-14.7) | 12.9 (11.7-14.2) | 12.7 (10.9-14.4) | 11.8 (10.2-13.4) | 14.0 (12.0-15.9) | 14.0 (12.1-15.8) |
| Halton | 15.0 (13.8-16.2) | 14.1 (13.0-15.3) | 14.2 (12.7-15.8) | 12.9 (11.3-14.4) | 15.7 (13.9-17.4) | 15.3 (13.6-17.0) |
| Hambleton | 7.1 (6.6-7.6) | 4.3 (3.9-4.7) | 6.5 (5.8-7.1) | 3.8 (3.4-4.3) | 7.7 (6.9-8.4) | 4.7 (4.1-5.3) |
| Hammersmith and Fulham | 7.4 (6.7-8.1) | 7.5 (6.8-8.3) | 7.1 (6.2-8.1) | 7.1 (6.2-8.1) | 7.6 (6.6-8.6) | 7.9 (6.8-9.0) |
| Harborough | 6.9 (6.4-7.4) | 4.2 (3.8-4.6) | 6.1 (5.5-6.8) | 3.7 (3.2-4.2) | 7.6 (6.8-8.3) | 4.7 (4.1-5.2) |
| Haringey | 13.3 (12.0-14.6) | 12.7 (11.5-13.9) | 12.8 (11.0-14.5) | 11.7 (10.1-13.3) | 13.8 (11.9-15.7) | 13.6 (11.8-15.3) |
| Harlow | 8.1 (7.4-8.7) | 8.2 (7.5-8.9) | 7.7 (6.8-8.6) | 7.6 (6.7-8.6) | 8.4 (7.4-9.3) | 8.7 (7.6-9.8) |
| Harrogate | 7.0 (6.5-7.5) | 4.3 (3.9-4.7) | 6.4 (5.7-7.1) | 3.9 (3.4-4.4) | 7.5 (6.8-8.3) | 4.7 (4.1-5.3) |
| Harrow | 7.8 (7.3-8.3) | 4.6 (4.2-5.0) | 7.2 (6.5-7.9) | 4.2 (3.7-4.7) | 8.4 (7.6-9.2) | 5.1 (4.4-5.7) |
| Hart | 7.0 (6.4-7.5) | 4.3 (3.9-4.7) | 6.3 (5.6-7.0) | 3.9 (3.4-4.4) | 7.5 (6.8-8.3) | 4.7 (4.2-5.3) |
| Hartlepool | 14.8 (13.7-16.0) | 14.1 (13.0-15.3) | 14.2 (12.7-15.8) | 12.9 (11.4-14.5) | 15.4 (13.7-17.1) | 15.2 (13.5-16.8) |
| Hastings | 14.9 (13.7-16.0) | 14.2 (13.0-15.3) | 14.4 (12.8-16.0) | 13.1 (11.6-14.6) | 15.3 (13.6-17.0) | 15.1 (13.5-16.8) |
| Havant | 9.2 (8.5-9.9) | 9.2 (8.5-10.0) | 8.7 (7.8-9.7) | 8.6 (7.6-9.5) | 9.6 (8.6-10.6) | 9.8 (8.7-10.9) |
| Havering | 8.1 (7.5-8.7) | 6.7 (6.1-7.2) | 7.7 (6.9-8.5) | 6.2 (5.5-6.9) | 8.4 (7.6-9.3) | 7.0 (6.2-7.8) |
| Herefordshire, County of | 8.9 (8.3-9.5) | 7.2 (6.6-7.8) | 8.2 (7.3-9.0) | 6.4 (5.7-7.2) | 9.6 (8.7-10.5) | 7.9 (7.0-8.7) |
| Hertsmere | 7.8 (7.3-8.3) | 4.6 (4.2-5.0) | 7.4 (6.6-8.1) | 4.2 (3.7-4.7) | 8.2 (7.5-8.9) | 4.9 (4.3-5.5) |
| High Peak | 7.7 (7.1-8.2) | 4.5 (4.1-4.8) | 6.8 (6.1-7.5) | 3.9 (3.4-4.4) | 8.5 (7.7-9.3) | 5.0 (4.4-5.6) |
| Hillingdon | 8.1 (7.5-8.7) | 6.7 (6.1-7.3) | 7.4 (6.6-8.2) | 6.0 (5.3-6.7) | 8.8 (7.8-9.7) | 7.4 (6.5-8.2) |
| Hinckley and Bosworth | 7.9 (7.4-8.4) | 4.5 (4.1-4.9) | 7.1 (6.4-7.8) | 4.0 (3.5-4.4) | 8.7 (7.9-9.5) | 5.0 (4.4-5.6) |
| Horsham | 7.1 (6.6-7.6) | 4.4 (4.0-4.8) | 6.5 (5.8-7.2) | 3.9 (3.4-4.4) | 7.7 (6.9-8.4) | 4.8 (4.2-5.4) |
| Hounslow | 8.0 (7.3-8.8) | 8.2 (7.4-9.0) | 7.3 (6.3-8.2) | 7.3 (6.3-8.2) | 8.8 (7.7-9.9) | 9.1 (7.9-10.3) |
| Huntingdonshire | 7.9 (7.4-8.5) | 4.6 (4.2-5.0) | 7.1 (6.4-7.8) | 4.0 (3.5-4.5) | 8.7 (7.9-9.5) | 5.1 (4.5-5.7) |
| Hyndburn | 15.3 (14.0-16.5) | 14.4 (13.3-15.6) | 14.4 (12.8-16.1) | 13.0 (11.5-14.6) | 16.0 (14.2-17.8) | 15.7 (14.0-17.4) |
| Ipswich | 8.8 (8.1-9.5) | 8.9 (8.1-9.6) | 8.0 (7.1-8.9) | 7.9 (6.9-8.8) | 9.5 (8.4-10.6) | 9.8 (8.6-10.9) |
| Isle of Wight | 9.6 (8.9-10.3) | 9.5 (8.7-10.2) | 8.9 (8.0-9.9) | 8.6 (7.6-9.6) | 10.2 (9.1-11.2) | 10.2 (9.1-11.4) |
| Isles of Scilly | 7.1 (6.5-7.6) | 4.6 (4.1-5.0) | 6.1 (5.5-6.8) | 3.9 (3.4-4.4) | 8.0 (7.2-8.8) | 5.2 (4.6-5.9) |
| Islington | 13.8 (12.5-15.1) | 13.3 (12.0-14.5) | 12.9 (11.1-14.6) | 11.9 (10.3-13.5) | 14.6 (12.6-16.6) | 14.5 (12.7-16.4) |
| Kensington and Chelsea | 8.6 (7.9-9.3) | 8.9 (8.1-9.6) | 8.1 (7.1-9.0) | 8.1 (7.1-9.1) | 9.1 (8.1-10.1) | 9.6 (8.4-10.7) |
| Kettering | 8.2 (7.6-8.9) | 6.7 (6.1-7.2) | 7.5 (6.7-8.3) | 6.0 (5.3-6.7) | 8.9 (8.0-9.8) | 7.3 (6.5-8.2) |
| King's Lynn and West Norfolk | 9.6 (8.9-10.3) | 9.5 (8.7-10.3) | 9.0 (8.0-10.0) | 8.6 (7.6-9.6) | 10.2 (9.2-11.2) | 10.3 (9.2-11.4) |
| Kingston upon Hull, City of | 14.8 (13.6-16.0) | 14.0 (12.9-15.2) | 13.9 (12.3-15.5) | 12.6 (11.1-14.1) | 15.7 (13.8-17.5) | 15.4 (13.6-17.1) |
| Kingston upon Thames | 6.5 (6.0-7.0) | 4.1 (3.7-4.5) | 5.8 (5.2-6.5) | 3.6 (3.2-4.1) | 7.1 (6.3-7.8) | 4.5 (3.9-5.1) |
| Kirklees | 8.5 (7.8-9.2) | 8.5 (7.7-9.2) | 7.8 (6.8-8.7) | 7.6 (6.6-8.5) | 9.2 (8.2-10.3) | 9.3 (8.2-10.5) |
| Knowsley | 14.1 (13.0-15.3) | 13.5 (12.4-14.6) | 13.9 (12.3-15.5) | 12.7 (11.2-14.2) | 14.3 (12.7-15.9) | 14.2 (12.6-15.7) |
| Lambeth | 7.2 (6.4-7.9) | 7.6 (6.8-8.4) | 6.6 (5.7-7.6) | 6.8 (5.8-7.9) | 7.7 (6.6-8.8) | 8.2 (7.0-9.4) |
| Lancaster | 9.0 (8.3-9.7) | 8.9 (8.2-9.7) | 8.4 (7.5-9.4) | 8.1 (7.1-9.1) | 9.6 (8.6-10.6) | 9.6 (8.5-10.8) |
| Leeds | 14.7 (13.6-15.9) | 14.1 (12.9-15.2) | 14.3 (12.7-15.9) | 13.0 (11.5-14.5) | 15.2 (13.5-16.9) | 15.0 (13.4-16.7) |
| Leicester | 14.3 (13.1-15.5) | 13.8 (12.6-15.0) | 13.6 (12.0-15.2) | 12.6 (11.0-14.1) | 15.0 (13.2-16.8) | 14.9 (13.2-16.7) |
| Lewes | 8.4 (7.9-9.0) | 4.9 (4.5-5.3) | 7.8 (7.1-8.6) | 4.5 (3.9-5.0) | 9.0 (8.2-9.8) | 5.3 (4.7-5.9) |
| Lewisham | 13.2 (11.8-14.5) | 12.7 (11.5-14.0) | 12.6 (10.9-14.4) | 11.8 (10.2-13.4) | 13.6 (11.7-15.6) | 13.6 (11.8-15.4) |
| Lichfield | 8.3 (7.7-8.8) | 4.7 (4.3-5.1) | 7.4 (6.7-8.2) | 4.2 (3.7-4.7) | 9.0 (8.2-9.8) | 5.2 (4.6-5.8) |
| Lincoln | 14.8 (13.6-16.0) | 14.1 (13.0-15.2) | 14.3 (12.7-15.8) | 13.0 (11.5-14.5) | 15.3 (13.6-17.0) | 15.1 (13.4-16.7) |
| Liverpool | 14.6 (13.4-15.8) | 14.0 (12.9-15.1) | 14.1 (12.5-15.6) | 12.9 (11.4-14.4) | 15.1 (13.4-16.8) | 15.0 (13.3-16.6) |
| Luton | 8.4 (7.7-9.1) | 8.6 (7.9-9.4) | 7.7 (6.7-8.6) | 7.7 (6.7-8.7) | 9.1 (8.1-10.2) | 9.5 (8.3-10.7) |
| Maidstone | 8.4 (7.8-9.1) | 6.8 (6.2-7.4) | 7.7 (6.9-8.5) | 6.1 (5.4-6.8) | 9.1 (8.2-10.1) | 7.5 (6.6-8.3) |
| Maldon | 8.1 (7.6-8.6) | 4.6 (4.2-5.0) | 7.2 (6.5-7.9) | 4.0 (3.5-4.5) | 9.0 (8.2-9.8) | 5.1 (4.5-5.8) |
| Malvern Hills | 8.8 (8.3-9.4) | 5.0 (4.6-5.5) | 7.9 (7.2-8.7) | 4.4 (3.9-5.0) | 9.6 (8.8-10.5) | 5.6 (5.0-6.2) |
| Manchester | 13.9 (12.6-15.2) | 13.2 (12.0-14.4) | 13.0 (11.4-14.7) | 11.9 (10.3-13.5) | 14.6 (12.7-16.6) | 14.4 (12.6-16.2) |
| Mansfield | 15.2 (14.0-16.4) | 14.4 (13.3-15.6) | 14.4 (12.8-15.9) | 13.1 (11.5-14.6) | 15.9 (14.1-17.7) | 15.7 (14.0-17.4) |
| Medway | 8.3 (7.6-9.0) | 8.4 (7.6-9.1) | 7.6 (6.7-8.5) | 7.5 (6.5-8.4) | 9.0 (8.0-10.1) | 9.2 (8.0-10.4) |
| Melton | 8.1 (7.6-8.7) | 4.7 (4.3-5.1) | 7.2 (6.5-7.9) | 4.1 (3.6-4.6) | 9.1 (8.2-9.9) | 5.3 (4.7-5.9) |
| Mendip | 8.6 (8.0-9.2) | 6.9 (6.4-7.5) | 7.9 (7.1-8.8) | 6.2 (5.5-7.0) | 9.2 (8.3-10.1) | 7.5 (6.7-8.3) |
| Merton | 7.0 (6.5-7.5) | 4.1 (3.7-4.5) | 6.4 (5.8-7.1) | 3.7 (3.2-4.2) | 7.4 (6.7-8.2) | 4.4 (3.8-5.0) |
| Mid Devon | 8.7 (8.1-9.3) | 7.0 (6.4-7.5) | 8.0 (7.2-8.8) | 6.3 (5.5-7.0) | 9.3 (8.4-10.2) | 7.6 (6.7-8.4) |
| Mid Suffolk | 8.3 (7.8-8.9) | 4.7 (4.3-5.1) | 7.5 (6.8-8.2) | 4.2 (3.7-4.7) | 9.1 (8.3-9.9) | 5.3 (4.6-5.9) |
| Mid Sussex | 7.1 (6.6-7.6) | 4.4 (4.0-4.8) | 6.4 (5.7-7.1) | 3.9 (3.4-4.5) | 7.7 (6.9-8.4) | 4.8 (4.3-5.4) |
| Middlesbrough | 14.8 (13.6-15.9) | 14.1 (13.0-15.3) | 14.3 (12.7-15.9) | 13.1 (11.6-14.6) | 15.2 (13.5-16.9) | 15.1 (13.4-16.7) |
| Milton Keynes | 7.5 (6.9-8.2) | 6.2 (5.6-6.7) | 6.9 (6.1-7.7) | 5.6 (4.9-6.3) | 8.1 (7.2-9.1) | 6.8 (5.9-7.6) |
| Mole Valley | 7.2 (6.7-7.8) | 4.5 (4.1-4.9) | 6.6 (5.9-7.2) | 4.0 (3.5-4.5) | 7.8 (7.1-8.6) | 4.9 (4.3-5.5) |
| New Forest | 8.8 (8.3-9.4) | 5.1 (4.7-5.5) | 8.3 (7.5-9.1) | 4.7 (4.1-5.2) | 9.3 (8.6-10.1) | 5.5 (4.9-6.1) |
| Newark and Sherwood | 8.6 (7.9-9.2) | 6.9 (6.3-7.5) | 7.8 (6.9-8.6) | 6.1 (5.4-6.8) | 9.3 (8.3-10.2) | 7.6 (6.7-8.5) |
| Newcastle upon Tyne | 15.1 (13.9-16.3) | 14.6 (13.5-15.8) | 14.3 (12.7-15.9) | 13.3 (11.7-14.8) | 15.9 (14.1-17.6) | 15.9 (14.2-17.7) |
| Newcastle-under-Lyme | 8.6 (8.0-9.3) | 7.0 (6.4-7.5) | 7.8 (7.0-8.7) | 6.2 (5.5-6.9) | 9.4 (8.4-10.3) | 7.7 (6.8-8.5) |
| Newham | 13.4 (12.0-14.8) | 12.8 (11.5-14.1) | 12.4 (10.6-14.2) | 11.4 (9.8-13.0) | 14.4 (12.3-16.5) | 14.1 (12.2-16.0) |
| North Devon | 8.9 (8.3-9.6) | 7.2 (6.6-7.7) | 8.3 (7.5-9.2) | 6.5 (5.8-7.3) | 9.5 (8.6-10.4) | 7.7 (6.9-8.6) |
| North East Derbyshire | 8.9 (8.2-9.5) | 7.1 (6.5-7.7) | 8.1 (7.3-8.9) | 6.3 (5.6-7.1) | 9.6 (8.6-10.5) | 7.8 (6.9-8.6) |
| North East Lincolnshire | 15.3 (14.2-16.5) | 14.7 (13.6-15.9) | 14.7 (13.1-16.2) | 13.4 (11.9-15.0) | 15.9 (14.2-17.6) | 15.9 (14.2-17.5) |
| North Hertfordshire | 6.9 (6.4-7.4) | 4.3 (3.9-4.7) | 6.2 (5.6-6.9) | 3.8 (3.3-4.3) | 7.5 (6.7-8.3) | 4.7 (4.1-5.3) |
| North Kesteven | 7.2 (6.7-7.7) | 4.4 (4.0-4.8) | 6.6 (5.9-7.3) | 3.9 (3.4-4.4) | 7.8 (7.0-8.6) | 4.8 (4.2-5.4) |
| North Lincolnshire | 8.9 (8.2-9.6) | 8.8 (8.1-9.6) | 8.1 (7.2-9.0) | 7.9 (6.9-8.8) | 9.6 (8.6-10.7) | 9.8 (8.6-10.9) |
| North Norfolk | 9.7 (9.0-10.3) | 7.7 (7.1-8.3) | 9.0 (8.1-9.8) | 7.0 (6.2-7.7) | 10.3 (9.3-11.2) | 8.3 (7.5-9.2) |
| North Somerset | 8.4 (7.8-8.9) | 4.8 (4.4-5.2) | 7.7 (7.0-8.4) | 4.3 (3.8-4.9) | 9.0 (8.2-9.8) | 5.2 (4.6-5.9) |
| North Tyneside | 8.3 (7.7-9.0) | 8.3 (7.6-9.1) | 7.9 (7.0-8.9) | 7.7 (6.8-8.7) | 8.7 (7.7-9.7) | 8.8 (7.8-9.9) |
| North Warwickshire | 8.4 (7.8-9.0) | 6.7 (6.2-7.3) | 7.6 (6.8-8.4) | 6.0 (5.3-6.7) | 9.1 (8.1-10.0) | 7.4 (6.6-8.3) |
| North West Leicestershire | 7.7 (7.1-8.2) | 4.4 (4.0-4.7) | 6.7 (6.1-7.4) | 3.8 (3.3-4.2) | 8.6 (7.7-9.4) | 4.9 (4.3-5.5) |
| Northampton | 8.4 (7.7-9.1) | 8.5 (7.7-9.2) | 7.7 (6.8-8.6) | 7.6 (6.6-8.5) | 9.1 (8.1-10.2) | 9.3 (8.1-10.5) |
| Northumberland | 9.1 (8.4-9.8) | 9.0 (8.3-9.7) | 8.5 (7.5-9.4) | 8.2 (7.2-9.2) | 9.6 (8.6-10.6) | 9.7 (8.6-10.8) |
| Norwich | 15.2 (13.9-16.4) | 14.7 (13.5-15.8) | 14.4 (12.8-16.0) | 13.3 (11.8-14.9) | 15.8 (14.1-17.6) | 15.9 (14.2-17.6) |
| Nottingham | 14.5 (13.3-15.8) | 13.9 (12.7-15.1) | 13.7 (12.1-15.3) | 12.6 (11.0-14.1) | 15.3 (13.5-17.1) | 15.2 (13.4-16.9) |
| Nuneaton and Bedworth | 8.8 (8.1-9.5) | 8.6 (7.9-9.4) | 8.0 (7.1-8.9) | 7.7 (6.8-8.7) | 9.5 (8.4-10.5) | 9.5 (8.3-10.7) |
| Oadby and Wigston | 8.0 (7.5-8.6) | 4.6 (4.2-5.0) | 7.5 (6.8-8.3) | 4.3 (3.8-4.8) | 8.5 (7.7-9.2) | 5.0 (4.4-5.5) |
| Oldham | 14.6 (13.4-15.8) | 13.8 (12.6-14.9) | 14.0 (12.4-15.7) | 12.7 (11.2-14.2) | 15.1 (13.3-16.8) | 14.8 (13.1-16.4) |
| Oxford | 8.3 (7.6-8.9) | 6.9 (6.3-7.4) | 7.6 (6.8-8.4) | 6.2 (5.4-6.9) | 8.9 (7.9-9.8) | 7.5 (6.6-8.3) |
| Pendle | 15.5 (14.3-16.7) | 14.8 (13.6-15.9) | 14.6 (13.1-16.2) | 13.4 (11.9-14.9) | 16.3 (14.5-18.0) | 16.1 (14.4-17.8) |
| Peterborough | 14.8 (13.6-16.1) | 14.3 (13.1-15.4) | 14.1 (12.5-15.7) | 13.0 (11.4-14.5) | 15.5 (13.7-17.3) | 15.4 (13.7-17.1) |
| Plymouth | 8.9 (8.2-9.6) | 9.0 (8.2-9.7) | 8.3 (7.4-9.3) | 8.2 (7.2-9.1) | 9.5 (8.4-10.5) | 9.7 (8.6-10.8) |
| Portsmouth | 14.7 (13.5-15.9) | 14.1 (13.0-15.3) | 13.9 (12.3-15.6) | 12.9 (11.3-14.4) | 15.4 (13.6-17.1) | 15.3 (13.6-17.0) |
| Preston | 15.0 (13.8-16.3) | 14.4 (13.2-15.6) | 14.0 (12.4-15.6) | 12.8 (11.3-14.3) | 16.1 (14.2-18.0) | 16.0 (14.2-17.8) |
| Reading | 8.0 (7.3-8.6) | 6.6 (6.1-7.2) | 7.1 (6.3-7.9) | 5.8 (5.1-6.6) | 8.7 (7.7-9.7) | 7.4 (6.5-8.3) |
| Redbridge | 7.8 (7.2-8.5) | 6.5 (5.9-7.1) | 7.1 (6.3-7.9) | 5.8 (5.1-6.5) | 8.5 (7.6-9.5) | 7.2 (6.3-8.0) |
| Redcar and Cleveland | 15.5 (14.3-16.6) | 14.8 (13.7-16.0) | 15.0 (13.4-16.5) | 13.7 (12.2-15.2) | 15.9 (14.3-17.6) | 15.9 (14.2-17.5) |
| Redditch | 8.7 (8.0-9.4) | 8.6 (7.8-9.3) | 7.9 (7.0-8.8) | 7.6 (6.7-8.6) | 9.4 (8.3-10.4) | 9.4 (8.3-10.5) |
| Reigate and Banstead | 6.8 (6.3-7.3) | 4.3 (3.9-4.6) | 6.2 (5.5-6.8) | 3.8 (3.3-4.3) | 7.3 (6.6-8.1) | 4.6 (4.1-5.2) |
| Ribble Valley | 7.0 (6.4-7.5) | 4.2 (3.9-4.6) | 6.2 (5.6-6.9) | 3.7 (3.3-4.2) | 7.6 (6.9-8.4) | 4.7 (4.1-5.3) |
| Richmond upon Thames | 6.3 (5.8-6.8) | 4.0 (3.6-4.3) | 5.7 (5.1-6.4) | 3.6 (3.1-4.1) | 6.8 (6.1-7.5) | 4.3 (3.8-4.9) |
| Richmondshire | 7.1 (6.6-7.6) | 4.4 (4.0-4.8) | 6.3 (5.6-6.9) | 3.8 (3.3-4.3) | 7.9 (7.1-8.7) | 4.9 (4.3-5.5) |
| Rochdale | 14.8 (13.6-16.0) | 14.0 (12.8-15.1) | 14.1 (12.5-15.7) | 12.8 (11.3-14.3) | 15.4 (13.6-17.1) | 15.1 (13.4-16.8) |
| Rochford | 7.1 (6.6-7.6) | 4.3 (3.9-4.7) | 6.4 (5.7-7.1) | 3.8 (3.4-4.3) | 7.7 (6.9-8.5) | 4.7 (4.2-5.3) |
| Rossendale | 8.5 (7.8-9.2) | 8.6 (7.8-9.3) | 7.7 (6.8-8.6) | 7.6 (6.6-8.5) | 9.3 (8.3-10.4) | 9.5 (8.3-10.7) |
| Rother | 9.3 (8.7-9.9) | 7.5 (6.9-8.0) | 8.8 (7.9-9.6) | 6.9 (6.1-7.6) | 9.8 (8.9-10.7) | 8.0 (7.2-8.8) |
| Rotherham | 15.3 (14.1-16.5) | 14.5 (13.3-15.6) | 14.4 (12.8-16.0) | 13.0 (11.5-14.6) | 16.1 (14.3-17.9) | 15.8 (14.1-17.5) |
| Rugby | 8.1 (7.6-8.6) | 4.7 (4.3-5.1) | 7.2 (6.5-7.9) | 4.1 (3.6-4.6) | 8.9 (8.1-9.8) | 5.3 (4.6-5.9) |
| Runnymede | 6.8 (6.3-7.3) | 4.3 (3.9-4.7) | 6.2 (5.5-6.8) | 3.8 (3.3-4.3) | 7.4 (6.7-8.2) | 4.7 (4.1-5.3) |
| Rushcliffe | 7.0 (6.5-7.5) | 4.4 (4.0-4.7) | 6.3 (5.7-7.0) | 3.9 (3.4-4.4) | 7.6 (6.9-8.4) | 4.8 (4.2-5.4) |
| Rushmoor | 7.2 (6.7-7.7) | 4.2 (3.8-4.6) | 6.4 (5.7-7.0) | 3.7 (3.2-4.1) | 8.0 (7.2-8.8) | 4.7 (4.1-5.3) |
| Rutland | 7.3 (6.8-7.9) | 4.5 (4.1-4.9) | 6.6 (5.9-7.3) | 4.0 (3.5-4.5) | 8.1 (7.3-8.8) | 5.0 (4.4-5.6) |
| Ryedale | 8.1 (7.6-8.7) | 4.6 (4.2-5.0) | 7.4 (6.7-8.1) | 4.1 (3.7-4.6) | 8.8 (8.0-9.5) | 5.1 (4.5-5.7) |
| Salford | 15.0 (13.7-16.2) | 14.4 (13.2-15.6) | 13.9 (12.3-15.5) | 12.8 (11.2-14.3) | 16.0 (14.1-17.9) | 15.9 (14.1-17.7) |
| Sandwell | 14.6 (13.4-15.8) | 13.9 (12.8-15.1) | 13.9 (12.3-15.6) | 12.7 (11.2-14.3) | 15.2 (13.4-17.0) | 15.0 (13.3-16.8) |
| Scarborough | 9.2 (8.5-9.9) | 9.1 (8.3-9.8) | 8.7 (7.7-9.6) | 8.3 (7.4-9.3) | 9.7 (8.7-10.7) | 9.8 (8.7-10.9) |
| Sedgemoor | 9.1 (8.4-9.8) | 9.1 (8.3-9.8) | 8.4 (7.4-9.3) | 8.2 (7.2-9.1) | 9.8 (8.7-10.8) | 9.9 (8.8-11.1) |
| Sefton | 15.1 (14.0-16.3) | 14.6 (13.5-15.7) | 15.0 (13.4-16.5) | 13.8 (12.2-15.3) | 15.3 (13.7-16.9) | 15.3 (13.8-16.9) |
| Selby | 7.6 (7.1-8.2) | 4.4 (4.0-4.7) | 6.9 (6.2-7.5) | 3.9 (3.4-4.3) | 8.4 (7.6-9.1) | 4.8 (4.2-5.4) |
| Sevenoaks | 7.9 (7.4-8.5) | 4.6 (4.2-5.0) | 7.3 (6.6-8.0) | 4.1 (3.6-4.6) | 8.5 (7.7-9.3) | 4.9 (4.4-5.5) |
| Sheffield | 15.1 (13.9-16.3) | 14.7 (13.5-15.8) | 14.5 (12.9-16.1) | 13.4 (11.9-14.9) | 15.7 (14.0-17.5) | 15.8 (14.1-17.5) |
| Shropshire | 8.8 (8.2-9.4) | 7.1 (6.5-7.6) | 8.0 (7.2-8.8) | 6.3 (5.6-7.0) | 9.5 (8.6-10.4) | 7.8 (6.9-8.6) |
| Slough | 7.7 (7.0-8.5) | 7.9 (7.2-8.7) | 6.9 (5.9-7.8) | 6.9 (6.0-7.9) | 8.6 (7.4-9.7) | 8.9 (7.7-10.2) |
| Solihull | 8.6 (7.9-9.2) | 7.0 (6.4-7.6) | 8.0 (7.2-8.8) | 6.4 (5.7-7.1) | 9.0 (8.1-10.0) | 7.5 (6.7-8.4) |
| Somerset West and Taunton | 9.0 (8.4-9.7) | 7.3 (6.8-7.9) | 8.5 (7.6-9.3) | 6.7 (6.0-7.5) | 9.5 (8.6-10.5) | 7.9 (7.1-8.7) |
| South Cambridgeshire | 7.0 (6.5-7.5) | 4.3 (4.0-4.7) | 6.3 (5.6-6.9) | 3.8 (3.3-4.3) | 7.7 (6.9-8.4) | 4.8 (4.2-5.4) |
| South Derbyshire | 7.5 (7.0-8.0) | 4.3 (3.9-4.7) | 6.7 (6.0-7.3) | 3.7 (3.3-4.2) | 8.3 (7.5-9.1) | 4.8 (4.2-5.4) |
| South Gloucestershire | 6.9 (6.4-7.5) | 4.3 (3.9-4.6) | 6.3 (5.6-6.9) | 3.8 (3.3-4.3) | 7.6 (6.8-8.3) | 4.7 (4.1-5.3) |
| South Hams | 8.4 (7.9-9.0) | 4.8 (4.4-5.2) | 7.8 (7.0-8.5) | 4.3 (3.8-4.9) | 9.0 (8.2-9.8) | 5.2 (4.6-5.8) |
| South Holland | 9.2 (8.5-9.8) | 7.4 (6.8-8.0) | 8.3 (7.5-9.2) | 6.5 (5.8-7.3) | 10.0 (9.0-10.9) | 8.2 (7.3-9.0) |
| South Kesteven | 8.1 (7.6-8.6) | 4.7 (4.3-5.1) | 7.4 (6.7-8.1) | 4.2 (3.7-4.7) | 8.7 (7.9-9.5) | 5.1 (4.5-5.7) |
| South Lakeland | 8.6 (8.0-9.1) | 4.9 (4.5-5.3) | 7.8 (7.0-8.5) | 4.4 (3.8-4.9) | 9.3 (8.5-10.0) | 5.4 (4.7-6.0) |
| South Norfolk | 8.6 (8.0-9.1) | 4.9 (4.5-5.3) | 7.8 (7.0-8.5) | 4.3 (3.8-4.9) | 9.3 (8.5-10.1) | 5.4 (4.8-6.0) |
| South Northamptonshire | 6.9 (6.4-7.4) | 4.2 (3.9-4.6) | 6.1 (5.5-6.8) | 3.7 (3.2-4.2) | 7.7 (6.9-8.5) | 4.7 (4.2-5.3) |
| South Oxfordshire | 7.0 (6.5-7.6) | 4.3 (3.9-4.7) | 6.4 (5.7-7.1) | 3.9 (3.4-4.4) | 7.6 (6.8-8.4) | 4.7 (4.1-5.3) |
| South Ribble | 8.0 (7.4-8.5) | 4.6 (4.2-5.0) | 7.3 (6.5-8.0) | 4.1 (3.6-4.6) | 8.6 (7.8-9.4) | 5.0 (4.4-5.6) |
| South Somerset | 9.1 (8.5-9.8) | 7.4 (6.8-7.9) | 8.4 (7.5-9.2) | 6.6 (5.8-7.3) | 9.8 (8.9-10.8) | 8.1 (7.2-8.9) |
| South Staffordshire | 8.1 (7.6-8.7) | 4.6 (4.2-5.0) | 7.4 (6.7-8.1) | 4.1 (3.6-4.6) | 8.8 (8.0-9.6) | 5.1 (4.5-5.7) |
| South Tyneside | 14.8 (13.6-15.9) | 14.1 (13.0-15.2) | 14.3 (12.7-15.9) | 13.1 (11.6-14.6) | 15.2 (13.5-16.8) | 15.0 (13.4-16.6) |
| Southampton | 14.8 (13.6-16.0) | 14.3 (13.2-15.5) | 14.0 (12.4-15.6) | 12.9 (11.4-14.5) | 15.6 (13.8-17.4) | 15.6 (13.9-17.4) |
| Southend-on-Sea | 8.8 (8.1-9.5) | 8.9 (8.2-9.7) | 8.2 (7.2-9.1) | 8.1 (7.1-9.1) | 9.4 (8.4-10.4) | 9.7 (8.6-10.8) |
| Southwark | 7.1 (6.4-7.9) | 7.5 (6.7-8.4) | 6.4 (5.5-7.4) | 6.7 (5.7-7.7) | 7.8 (6.6-8.9) | 8.3 (7.0-9.6) |
| Spelthorne | 8.0 (7.5-8.5) | 4.7 (4.3-5.1) | 7.2 (6.5-7.9) | 4.2 (3.7-4.7) | 8.7 (7.9-9.5) | 5.2 (4.6-5.8) |
| St Albans | 6.9 (6.4-7.5) | 4.4 (4.0-4.8) | 6.3 (5.6-7.0) | 3.9 (3.4-4.4) | 7.5 (6.8-8.3) | 4.8 (4.2-5.4) |
| St. Helens | 15.3 (14.1-16.5) | 14.4 (13.3-15.5) | 14.6 (13.0-16.2) | 13.1 (11.6-14.7) | 15.9 (14.2-17.6) | 15.6 (13.9-17.2) |
| Stafford | 8.3 (7.8-8.9) | 4.8 (4.4-5.2) | 7.5 (6.7-8.2) | 4.2 (3.7-4.7) | 9.2 (8.4-10.0) | 5.3 (4.7-5.9) |
| Staffordshire Moorlands | 8.2 (7.7-8.8) | 4.6 (4.2-5.0) | 7.3 (6.6-8.0) | 4.1 (3.6-4.5) | 9.1 (8.2-9.9) | 5.2 (4.5-5.8) |
| Stevenage | 7.9 (7.2-8.5) | 6.5 (5.9-7.0) | 7.2 (6.4-8.0) | 5.8 (5.1-6.5) | 8.5 (7.5-9.4) | 7.1 (6.2-7.9) |
| Stockport | 8.6 (8.0-9.2) | 7.0 (6.4-7.6) | 7.9 (7.0-8.7) | 6.3 (5.5-7.0) | 9.2 (8.3-10.2) | 7.6 (6.8-8.5) |
| Stockton-on-Tees | 8.6 (7.9-9.2) | 8.6 (7.8-9.3) | 8.0 (7.0-8.9) | 7.8 (6.8-8.7) | 9.1 (8.1-10.1) | 9.3 (8.1-10.4) |
| Stoke-on-Trent | 15.1 (13.9-16.3) | 14.2 (13.0-15.4) | 14.2 (12.6-15.8) | 12.7 (11.2-14.3) | 16.0 (14.2-17.8) | 15.6 (13.8-17.3) |
| Stratford-on-Avon | 7.4 (6.9-7.9) | 4.5 (4.1-4.9) | 6.7 (6.0-7.4) | 4.0 (3.5-4.5) | 8.0 (7.2-8.8) | 4.9 (4.4-5.5) |
| Stroud | 6.8 (6.3-7.3) | 4.1 (3.7-4.5) | 6.1 (5.5-6.8) | 3.7 (3.2-4.1) | 7.4 (6.6-8.1) | 4.5 (3.9-5.1) |
| Sunderland | 14.7 (13.6-15.9) | 13.9 (12.8-15.0) | 14.3 (12.7-15.8) | 12.9 (11.3-14.4) | 15.2 (13.5-16.8) | 14.8 (13.2-16.4) |
| Surrey Heath | 7.0 (6.5-7.5) | 4.4 (4.0-4.8) | 6.3 (5.6-7.0) | 3.9 (3.4-4.4) | 7.7 (6.9-8.5) | 4.9 (4.3-5.5) |
| Sutton | 7.4 (6.8-7.9) | 4.3 (3.9-4.7) | 6.7 (6.0-7.4) | 3.9 (3.4-4.3) | 7.9 (7.2-8.7) | 4.7 (4.1-5.3) |
| Swale | 15.4 (14.2-16.6) | 14.5 (13.4-15.7) | 14.4 (12.9-16.0) | 13.1 (11.5-14.6) | 16.2 (14.5-18.0) | 15.9 (14.2-17.7) |
| Swindon | 8.0 (7.4-8.6) | 6.6 (6.0-7.2) | 7.2 (6.4-8.0) | 5.8 (5.1-6.5) | 8.8 (7.9-9.8) | 7.4 (6.5-8.3) |
| Tameside | 15.0 (13.7-16.2) | 14.1 (13.0-15.3) | 14.0 (12.4-15.6) | 12.7 (11.2-14.2) | 15.8 (14.0-17.6) | 15.5 (13.7-17.2) |
| Tamworth | 8.6 (7.9-9.3) | 8.5 (7.8-9.2) | 8.0 (7.1-8.9) | 7.7 (6.8-8.6) | 9.2 (8.2-10.3) | 9.2 (8.1-10.3) |
| Tandridge | 7.0 (6.5-7.5) | 4.4 (4.0-4.7) | 6.3 (5.6-7.0) | 3.9 (3.4-4.4) | 7.6 (6.8-8.3) | 4.8 (4.2-5.4) |
| Teignbridge | 8.1 (7.6-8.7) | 4.7 (4.3-5.1) | 7.6 (6.9-8.3) | 4.3 (3.8-4.8) | 8.6 (7.9-9.4) | 5.0 (4.4-5.6) |
| Telford and Wrekin | 8.5 (7.8-9.2) | 8.4 (7.7-9.2) | 7.7 (6.8-8.7) | 7.5 (6.6-8.5) | 9.2 (8.1-10.2) | 9.3 (8.1-10.4) |
| Tendring | 16.4 (15.3-17.5) | 15.7 (14.5-16.8) | 16.1 (14.5-17.7) | 14.6 (13.1-16.2) | 16.7 (15.1-18.3) | 16.6 (15.0-18.1) |
| Test Valley | 7.0 (6.5-7.5) | 4.3 (3.9-4.7) | 6.4 (5.7-7.0) | 3.9 (3.4-4.4) | 7.6 (6.9-8.4) | 4.8 (4.2-5.3) |
| Tewkesbury | 7.0 (6.5-7.5) | 4.3 (3.9-4.7) | 6.4 (5.7-7.1) | 3.9 (3.4-4.4) | 7.5 (6.7-8.2) | 4.7 (4.1-5.2) |
| Thanet | 15.5 (14.4-16.6) | 14.7 (13.6-15.8) | 15.2 (13.6-16.7) | 13.7 (12.2-15.3) | 15.8 (14.2-17.4) | 15.6 (14.0-17.1) |
| Three Rivers | 6.8 (6.3-7.3) | 4.3 (3.9-4.7) | 6.3 (5.6-6.9) | 3.9 (3.4-4.4) | 7.3 (6.6-8.1) | 4.7 (4.1-5.3) |
| Thurrock | 7.7 (7.1-8.4) | 6.3 (5.7-6.9) | 6.8 (6.0-7.6) | 5.5 (4.8-6.2) | 8.6 (7.6-9.6) | 7.1 (6.2-8.0) |
| Tonbridge and Malling | 7.8 (7.3-8.4) | 4.5 (4.1-4.9) | 7.0 (6.3-7.7) | 4.0 (3.5-4.5) | 8.5 (7.8-9.3) | 5.0 (4.4-5.6) |
| Torbay | 16.0 (14.9-17.1) | 15.3 (14.2-16.5) | 15.5 (13.9-17.1) | 14.1 (12.6-15.7) | 16.5 (14.8-18.1) | 16.4 (14.8-18.1) |
| Torridge | 9.1 (8.4-9.8) | 8.9 (8.2-9.6) | 8.5 (7.5-9.4) | 8.0 (7.1-9.0) | 9.8 (8.7-10.8) | 9.7 (8.6-10.8) |
| Tower Hamlets | 13.9 (12.4-15.4) | 13.3 (11.9-14.7) | 12.2 (10.4-14.0) | 11.2 (9.6-12.9) | 15.8 (13.4-18.2) | 15.5 (13.3-17.7) |
| Trafford | 7.6 (7.1-8.1) | 4.4 (4.0-4.8) | 7.0 (6.3-7.7) | 4.0 (3.5-4.5) | 8.2 (7.4-8.9) | 4.8 (4.2-5.4) |
| Tunbridge Wells | 6.9 (6.4-7.4) | 4.3 (3.9-4.7) | 6.2 (5.6-6.9) | 3.8 (3.3-4.3) | 7.6 (6.8-8.3) | 4.8 (4.2-5.4) |
| Uttlesford | 6.8 (6.3-7.3) | 4.2 (3.8-4.6) | 6.1 (5.5-6.8) | 3.7 (3.3-4.2) | 7.4 (6.7-8.2) | 4.6 (4.1-5.2) |
| Vale of White Horse | 7.1 (6.5-7.6) | 4.4 (4.0-4.7) | 6.3 (5.7-7.0) | 3.8 (3.4-4.3) | 7.7 (7.0-8.5) | 4.8 (4.2-5.4) |
| Wakefield | 15.1 (13.9-16.3) | 14.2 (13.1-15.4) | 14.2 (12.6-15.8) | 12.8 (11.3-14.4) | 15.9 (14.1-17.7) | 15.5 (13.8-17.2) |
| Walsall | 15.1 (13.9-16.2) | 14.4 (13.3-15.6) | 14.5 (12.9-16.1) | 13.3 (11.7-14.8) | 15.6 (13.8-17.3) | 15.5 (13.8-17.1) |
| Waltham Forest | 7.7 (7.0-8.4) | 7.9 (7.2-8.7) | 7.1 (6.2-8.1) | 7.2 (6.2-8.2) | 8.2 (7.2-9.3) | 8.6 (7.4-9.8) |
| Wandsworth | 7.3 (6.7-7.9) | 6.1 (5.5-6.6) | 6.8 (6.0-7.6) | 5.5 (4.8-6.3) | 7.7 (6.8-8.7) | 6.5 (5.7-7.3) |
| Warrington | 8.2 (7.5-8.8) | 6.6 (6.0-7.2) | 7.4 (6.6-8.2) | 5.9 (5.2-6.6) | 8.9 (7.9-9.8) | 7.3 (6.4-8.1) |
| Warwick | 7.0 (6.5-7.5) | 4.3 (4.0-4.7) | 6.4 (5.7-7.0) | 3.9 (3.4-4.4) | 7.6 (6.9-8.4) | 4.8 (4.2-5.3) |
| Watford | 7.4 (6.9-8.0) | 4.5 (4.0-4.9) | 6.7 (6.0-7.4) | 3.9 (3.4-4.4) | 8.1 (7.3-8.9) | 4.9 (4.3-5.6) |
| Waverley | 7.2 (6.7-7.7) | 4.5 (4.1-4.8) | 6.6 (5.9-7.3) | 4.0 (3.5-4.6) | 7.7 (6.9-8.4) | 4.8 (4.2-5.4) |
| Wealden | 8.3 (7.8-8.9) | 4.8 (4.4-5.2) | 7.7 (7.0-8.4) | 4.4 (3.8-4.9) | 8.9 (8.1-9.6) | 5.2 (4.6-5.8) |
| Wellingborough | 8.8 (8.0-9.5) | 8.6 (7.9-9.4) | 8.1 (7.1-9.0) | 7.8 (6.8-8.7) | 9.4 (8.3-10.4) | 9.4 (8.3-10.5) |
| Welwyn Hatfield | 7.8 (7.2-8.3) | 4.6 (4.2-5.0) | 7.1 (6.4-7.8) | 4.1 (3.6-4.6) | 8.3 (7.6-9.1) | 5.0 (4.4-5.6) |
| West Berkshire | 6.7 (6.2-7.2) | 4.2 (3.8-4.5) | 5.9 (5.3-6.5) | 3.6 (3.1-4.1) | 7.4 (6.7-8.2) | 4.7 (4.1-5.2) |
| West Devon | 8.8 (8.2-9.4) | 7.0 (6.5-7.6) | 8.1 (7.3-8.9) | 6.3 (5.6-7.0) | 9.4 (8.5-10.4) | 7.6 (6.8-8.5) |
| West Lancashire | 8.7 (8.0-9.3) | 7.0 (6.4-7.6) | 8.0 (7.2-8.8) | 6.3 (5.6-7.0) | 9.3 (8.4-10.2) | 7.6 (6.8-8.4) |
| West Lindsey | 8.8 (8.2-9.5) | 7.0 (6.4-7.6) | 8.0 (7.2-8.9) | 6.2 (5.5-7.0) | 9.6 (8.6-10.5) | 7.7 (6.9-8.6) |
| West Oxfordshire | 7.1 (6.6-7.6) | 4.4 (4.0-4.8) | 6.5 (5.8-7.2) | 4.0 (3.5-4.5) | 7.5 (6.8-8.3) | 4.7 (4.2-5.3) |
| West Suffolk | 9.0 (8.3-9.6) | 7.2 (6.7-7.8) | 8.2 (7.4-9.1) | 6.5 (5.7-7.2) | 9.6 (8.7-10.6) | 7.9 (7.0-8.8) |
| Westminster | 7.9 (7.3-8.6) | 6.6 (6.0-7.2) | 7.2 (6.3-8.0) | 5.9 (5.1-6.6) | 8.6 (7.7-9.6) | 7.3 (6.4-8.2) |
| Wigan | 8.7 (8.0-9.4) | 8.5 (7.8-9.3) | 7.8 (6.9-8.7) | 7.5 (6.6-8.5) | 9.5 (8.4-10.6) | 9.5 (8.3-10.7) |
| Wiltshire | 8.1 (7.5-8.6) | 4.6 (4.3-5.0) | 7.3 (6.6-8.0) | 4.2 (3.7-4.6) | 8.7 (7.9-9.5) | 5.1 (4.5-5.7) |
| Winchester | 7.1 (6.6-7.6) | 4.4 (4.0-4.8) | 6.4 (5.8-7.1) | 3.9 (3.4-4.4) | 7.7 (6.9-8.5) | 4.8 (4.2-5.4) |
| Windsor and Maidenhead | 6.9 (6.3-7.4) | 4.3 (3.9-4.7) | 6.2 (5.5-6.9) | 3.8 (3.3-4.3) | 7.5 (6.7-8.2) | 4.7 (4.1-5.3) |
| Wirral | 15.1 (14.0-16.2) | 14.5 (13.4-15.6) | 14.8 (13.2-16.4) | 13.5 (12.0-15.1) | 15.4 (13.8-17.0) | 15.3 (13.7-16.9) |
| Woking | 7.1 (6.6-7.6) | 4.5 (4.1-4.9) | 6.3 (5.6-7.0) | 4.0 (3.4-4.5) | 7.9 (7.1-8.7) | 5.1 (4.5-5.7) |
| Wokingham | 6.7 (6.2-7.2) | 4.1 (3.8-4.5) | 6.0 (5.4-6.7) | 3.7 (3.2-4.2) | 7.3 (6.5-8.1) | 4.6 (4.0-5.1) |
| Wolverhampton | 15.0 (13.8-16.2) | 14.6 (13.4-15.7) | 14.5 (12.9-16.1) | 13.4 (11.9-14.9) | 15.5 (13.8-17.3) | 15.6 (13.9-17.3) |
| Worcester | 8.2 (7.6-8.8) | 6.7 (6.1-7.3) | 7.5 (6.7-8.3) | 6.0 (5.3-6.7) | 8.8 (7.9-9.8) | 7.3 (6.5-8.2) |
| Worthing | 8.7 (8.1-9.3) | 7.2 (6.6-7.7) | 8.2 (7.4-9.1) | 6.6 (5.9-7.4) | 9.1 (8.2-10.0) | 7.6 (6.8-8.5) |
| Wychavon | 8.4 (7.9-9.0) | 4.8 (4.4-5.2) | 7.6 (6.9-8.3) | 4.2 (3.7-4.7) | 9.2 (8.4-10.0) | 5.3 (4.7-5.9) |
| Wyre | 9.1 (8.5-9.7) | 7.3 (6.7-7.8) | 8.5 (7.6-9.3) | 6.6 (5.9-7.3) | 9.7 (8.8-10.6) | 7.9 (7.0-8.7) |
| Wyre Forest | 9.6 (8.8-10.3) | 9.4 (8.6-10.1) | 8.8 (7.8-9.7) | 8.4 (7.4-9.3) | 10.3 (9.2-11.4) | 10.3 (9.1-11.5) |
| York | 6.9 (6.4-7.4) | 4.3 (3.9-4.6) | 6.3 (5.7-7.0) | 3.9 (3.4-4.4) | 7.3 (6.6-8.1) | 4.6 (4.0-5.2) |

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| **Appendix 9:** Number of local authority districts per deprivation quintile for 8 area types: urban, rural, coast, inland, urban-coast, rural-coast, urban-inland and rural-inland. Deprivation measured by Index of Multiple Deprivation. |
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**Appendix references**

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