

The Index of Deprivation 2004

In April the Office of the Deputy Prime Minister (ODPM) published the Index of Deprivation 2004 (ID 2004). This represents a major revision and update of the old Index of Deprivation 2000 (ID 2000). **In June the ODPM discovered errors in the dataset published in April. The errors were found in the Living Environment and Crime domains. This briefing relates to the revised data.**

When it was published, the ID 2000 represented a new approach to measuring deprivation by central government. It recognised that deprivation had many aspects and this was reflected in the construction of six domains all of which combined a number of individual indicators. Criteria for selection of the indicators were that they should be:

- Domain specific and appropriate for the purpose (as direct as possible measures of that form of deprivation)
- Measuring major features of that deprivation (not conditions just experienced by a very small number of people or areas)
- Up-to-date
- Capable of being updated on a regular basis
- Statistically robust
- Available for the whole of England at a small area level in consistent form.

ID 2004 follows these principles but differs from ID 2000 in the following ways:

- Revised indicators (which are more imaginative and ambitious and reflect the growing availability of appropriate data)
- The inclusion of two new domains; Crime and Disorder, and the Living Environment
- A finer geographical scale of output

Indicators

In total ID 2004 uses 37 indicators that are grouped into 7 domains. These domains are combined to give an overall deprivation index. The 7 domains are:

- Income Deprivation Domain
- Employment Deprivation Domain
- Health Deprivation and Disability Domain
- Education, Skills and Training Deprivation
(Sub Domains: Skills; Children/Young People)
- Barriers to Housing and Services
(Sub Domains: Wider Barriers: Geographical Barriers)
- Crime Domain
- The Living Environment Domain
(Sub-domains: the indoors and outdoors living environments)

Income Deprivation indicators are also included in 2 supplementary indices:

- The Income Deprivation Affecting Children Index

- The Income Deprivation Affecting Older People Index

See Appendix 1 for a full list of indicators and domains.

Geography

ID 2000 was produced for districts and wards. For ID 2004, while district summaries have been produced, wards have been replaced as the lower-level geography by Super Output Areas (SOAs). These SOAs are a new geography created by the Office for National Statistics for the purpose of releasing small area statistics. They are created by aggregating a number of Census 2001 Output Areas. In England there are 32,482 SOAs (compared to around 8,500 wards), allowing policy makers to pinpoint small pockets of deprivation. In Cumbria there are 322 Super Output Areas, compared to 168 wards. Each SOA has a population of about 1,500 residents (between 1002 and 2280 in Cumbria) and about 500 households. SOA boundaries also coincide with pre-2004 ward boundaries.

Population denominators

Where Census indicators are used, the denominators (i.e. the rest of the relevant population) were also drawn from the 2001 Census. When non-Census numerators are used, the denominators are mainly based on the 2001 Mid-Year Estimates (MYEs). However, as MYEs are only produced at local authority district level, SOA level denominators were created by apportioning the 2001 MYEs to the SOA level using Census derived ratios.

Measures of Deprivation

Measures at Super Output Area level

Each of the 32,482 SOAs in England has been assigned a score and a rank for the Index of Deprivation (the combined index), for each of the 7 Domain indices and for two additional indices; the Income Deprivation Affecting Children Index (IDACI) and the Income Deprivation Affecting Older People (IDAOPI). The rankings of Cumbrian SOAs can be found in Appendix 3.

Measures at local authority district level

There are six district level measures of deprivation, which offer different ways of expressing disadvantage.

These are:

- Income Scale - number of people who are Income deprived
- Employment Scale - number of people who are Employment deprived
- Local Concentration - population weighted average of the ranks of a district's most deprived SOAs that contain exactly 10% of the district's population.
- Extent - proportion of a district's population living in the most deprived SOAs in the country.
- Average of SOA Ranks – population-weighted average of the combined ranks for the SOAs in a district.
- Average of SOA Scores – population-weighted average of the combined scores for the SOAs in a district (note: this method was used to create the Cumbria ward rankings, see below).

See Appendix 2 for a brief description of each measure.

Weighting of domains

Where domains are combined in the measures above, to represent the overall index of deprivation, the following system of weighting has been used:

Domain	Weight
Income	22.5%
Employment	22.5%
Health Deprivation and Disability	13.5%
Education Skills and Training	13.5%
Barriers to Services	9.3%
Crime	9.3%
Living Environment	9.3%

District-level analysis

A direct comparison between ID 2000 and ID 2004 is not possible because of the changes in the indicators and the way that the indices have been constructed. However, as the indices measure relative deprivation, it is likely that if all areas improved at the same rate that their rankings would remain the same. Any ranking changes that have occurred, therefore, may suggest relative changes in the levels of deprivation between areas. Ranks by district are out of 354, with 1 being the most deprived district.

The table below shows that there is a great degree of consistency in the district measures for Cumbria between 2000 and 2004. Some of the greatest inconsistencies lie with the Local Concentration measure. This reflects the move from wards to the smaller SOAs and the identification of small areas in ID 2004 whose relative deprivation was masked by their inclusion in the larger ward areas in ID 2000.

LA Name		Rank of Emp Scale	Rank of Income Scale	Rank of Av scores	Rank of Av Ranks	Extent Rank	Local Conc Rank
Allerdale	ID2000	127	160	98	112	82	50
	ID2004	134	159	105	112	100	79
Barrow-in-Furness	ID2000	102	164	24	23	22	29
	ID2004	114	160	29	35	34	16
Carlisle	ID2000	135	165	128	122	135	131
	ID2004	132	162	108	117	110	110
Copeland	ID2000	147	212	72	72	81	57
	ID2004	155	192	84	73	86	77
Eden	ID2000	334	346	248	236	158	267
	ID2004	327	346	200	175	298	277
South Lakeland	ID2000	218	265	270	264	158	277
	ID2004	216	277	258	254	277	292

Note: Rank of 1 = most deprived, out of 354.

The table below shows how local authorities in Cumbria compare to the rest of the North West in terms of ID2004, ranked on each measure from 1 (most deprived) to 354 (least deprived). The local authorities are ranked in the table on “Rank of Average Scores”.

LA Name	Rank of Emp Scale	Rank of Income Scale	Rank of Av scores	Rank of Av Ranks	Extent Rank	Local Conc Rank
Liverpool	2	2	1	5	5	2
Manchester	3	3	2	3	4	3
Knowsley	30	38	3	8	8	1
Salford	27	35	12	17	17	7
Halton	65	77	21	30	18	20
Blackpool	59	73	24	26	35	10
Rochdale	41	46	25	37	29	12
Barrow-in-Furness	114	160	29	35	34	16
Blackburn with Darwen	66	71	34	45	25	25
St. Helens	40	64	36	41	37	27
Burnley	112	122	37	46	40	21
Oldham	44	48	43	56	36	26
Wirral	8	13	48	75	49	8
Tameside	45	54	49	49	53	53
Bolton	28	39	50	64	46	36
Wigan	9	40	53	54	52	48
Hyndburn	135	145	58	59	60	51
Preston	80	90	59	80	48	32
Pendle	133	134	71	65	58	71
Sefton	15	33	78	99	78	42
Copeland	155	192	84	73	86	77
Rosendale	187	214	92	86	99	128
Bury	72	82	97	105	93	81
Allerdale	134	159	105	112	100	79
Lancaster	93	102	107	129	104	62
Carlisle	132	162	108	117	110	110
West Lancashire	113	127	127	140	108	70
Trafford	67	81	136	149	120	94
Ellesmere Port & Neston	180	205	141	160	98	131
Warrington	70	94	147	170	114	78
Stockport	58	65	159	187	140	99
Wyre	151	170	161	179	134	117
Chorley	161	203	172	191	151	156
Crewe and Nantwich	162	175	174	201	147	126
Vale Royal	130	164	176	199	154	136
Chester	142	153	178	205	145	109
Eden	327	346	200	175	298	277
South Ribble	179	238	229	231	203	200

Fylde	241	288	240	240	236	235
South Lakeland	216	277	258	254	277	292
Macclesfield	165	182	276	282	206	205
Ribble Valley	315	348	288	283	298	318
Congleton	240	296	305	307	257	266

In addition to producing the district level summaries, the statistics are also available for Counties and Unitary authorities in 2004. The details for Cumbria can be found below.

County Name		Rank of Emp Scale	Rank of Income Scale	Rank of Av scores	Rank of Av Ranks	Extent Rank	Local Conc Rank
Cumbria	ID2004	18	40	81	84	81	63

Note: Rank of 1 = most deprived, out of 149.

Over the last four years, the ID 2000 has been used to identify deprived areas within districts. For example, some Neighbourhood Renewal funding was directed at all wards in Allerdale and Barrow.

The tables below identify the number of SOAs that fall within the worst 10% and 20% of areas nationally. If deprivation were spread evenly across all local authority areas, we would expect 10% of district SOAs to be in the worst 10% nationally. One would therefore expect the figures for each district in the table to match 10% of the total SOAs for that local authority. This figure is shown in the bottom row of the table. Figures that are higher indicate that the district is more deprived than one would expect for a particular domain, and figures that are lower indicate that it is less deprived.

Domains	Districts, SOAs in worst 10% ID 2004					
	Allerdale	Barrow	Carlisle	Copeland	Eden	South Lakeland
Income	4	9	4	3	0	0
Employment	11	20	7	7	0	0
Health Deprivation & Disability	10	24	8	9	0	0
Education Skills & Training	6	5	11	7	0	0
Barriers to Services	11	0	8	4	22	9
Crime	5	0	1	0	0	0
Living Environment	1	18	9	0	0	0
ID 2004 (combined)	5	12	4	3	0	0
IDACI (Children)	5	6	4	3	0	0
IDAOP1 (Older People)	3	3	1	0	0	0
	10% of Total SOAs (and total)					
	6 (60)	5 (50)	7 (68)	5 (49)	4 (36)	6 (59)

Domains	Districts, SOAs in worst 20% ID 2004					
	Allerdale	Barrow	Carlisle	Copeland	Eden	South Lakeland
Income	8	17	6	8	0	0
Employment	16	27	17	23	0	2
Health Deprivation & Disability	14	39	19	19	0	0
Education Skills & Training	15	15	18	11	0	0
Barriers to Services	13	1	10	6	25	17
Crime	12	4	7	1	0	0
Living Environment	4	28	14	4	6	5
ID 2004 (combined)	12	22	12	9	0	0
IDACI (Children)	11	16	7	8	0	0
IDAOP1 (Older People)	8	7	5	3	0	0
	20% of Total SOAs (and total)					
	12 (60)	10 (50)	14 (68)	10 (49)	7 (36)	12 (59)

Ward-level analysis

As noted above, ID 2004 was not produced for wards. The ODPM have confirmed, however, that by following the same methodology used to create the district-level statistics, ward-level data can be created. The Average of SOA Scores was therefore used to combine SOAs into wards. This information can be found in Appendix 4. Comparison with ward rankings from ID 2000 is not possible due to changes in ward boundaries.

Additional analysis of the ID 2004 will be scheduled over the coming months depending on demand. Further information can be found at:

<http://www.odpm.gov.uk/indices>

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Appendix 1: Indicators and domains

Income Deprivation Domain <i>The purpose of this Domain is to capture the proportion of the population experiencing income deprivation in an area.</i>
Adults and children in Income Support households (2001)
Adults and children in Income-based Job Seekers Allowance Households (2001)
Adults and children in Working Families Tax Credit households whose equivalised income (excluding housing benefits) is below 60% of median before housing costs (2001)
Adults and children in Disabled Person.s Tax Credit households whose equivalised income (excluding housing benefits) is below 60% of median before housing costs (2001)
National Asylum Support Service supported asylum seekers in England in receipt of subsistence only and accommodation support (2002)

Employment Deprivation Domain <i>This domain measures employment deprivation conceptualised as involuntary exclusion of the working age population from the world of work</i>
Unemployment claimant count (JUVOS) of women aged 18-59 and men aged 18-64 averaged over 4 quarters (2001)
Incapacity Benefit claimants women aged 18-59 and men aged 18-64 (2001)
Severe Disablement Allowance claimants women aged 18-59 and men aged 18-64 (2001)
Participants in New Deal for the 18-24s who are not included in the claimant count (2001)
Participants in New Deal for 25+ who are not included in the claimant count (2001)
Participants in New Deal for Lone Parents aged 18 and over (2001)

Health Deprivation and Disability Domain <i>This domain identifies areas with relatively high rates of people who die prematurely or whose quality of life is impaired by poor health or who are disabled across the whole population</i>
Comparative Illness and Disability Ratio (CIDR) (2001)
Years of Potential Life Lost (YPLL) (1997 to 2001)
Measures of emergency admissions to Hospital (1999 to 2002)
Adults under 60 suffering from mood or anxiety disorders (1997 . 2002)

Education, Skills and Training Deprivation
<i>This domain captures the extent of deprivation in terms of education, skills and training in a local area. The indicators fall into two sub domains: one relating to education deprivation for children/young people in the area and one relating to lack of skills and qualifications among the working age population.</i>
Sub Domain: Skills
Proportion of working age adults (aged 25-59) in the area with no qualifications (2001)
Sub Domain: Children/Young People
Proportion of young people not staying on in school or school level education above 16 (2001)
Proportion of those aged under 21 not entering Higher Education (1999-2002)
Secondary school absence rate (2001/2)
Average points score of children at Key Stage 2 (end of primary). (2002)
Average points score of children at Key Stage 3 (2002)
Average points score of children at Key Stage 4 (2002)

Barriers to Housing and Services (Housing Deprivation and Geographical Access to Services)
<i>The purpose of this domain is to measure barriers to housing and key local services. The indicators fall into two sub domains: .geographical barriers and .wider barriers. which also includes issues relating to access to housing such as affordability.</i>
Sub Domain: Wider Barriers
LA level percentage of households for whom a decision on their application for assistance under the homeless provisions of housing legislation has been made assigned to SOAs (2002)
Household overcrowding (2001, ONS Census)
Difficulty of Access to owner-occupation (2002)
Sub Domain: Geographical Barriers
Road distance to a Post Office (End of March 2003, Source: Post Office Ltd)
Road distance to a supermarket or convenience store (December 2002, Source: MapInfo Ltd)
Road distance to a GP surgery (May 2003, Source: National Health Service Information Authority)
Road distance to a primary school (2001-02, Source: DfES)

Crime Domain
<i>This domain measures the incidence of recorded crime for four major crime themes representing the occurrence of personal and material victimisation at small area level.</i>
Burglary (4 recorded crime offence types April 2002 . March 2003)

Theft (5 recorded crime offence types April 2002 . March 2003, constrained to CDRP level)
Criminal damage (10 recorded crime offence types April 2002 . March 2003)
Violence recorded (14 crime offence types April 2002 . March 2003)

The Living Environment
<i>This Domain focuses on deprivation with respect to the characteristics of the living environment. It comprises two sub-domains: the .indoors. living environment which measures the quality of housing and the .outdoors. living environment which contains two measures about air quality and road traffic accidents.</i>
Sub-domain: the .indoors. living environment
Social and private housing in poor condition (2001)
Houses without central heating (2001)
Sub-domain: The .outdoors. living environment
Air quality (2001)
Road traffic accidents involving injury to pedestrians and cyclists (2001)

The Income Deprivation Affecting Children Index
<i>The Income Deprivation Affecting Children Index (IDACI) is a subset of the Income Deprivation Domain and shows the percentage of children in each SOA that live in families that are income deprived</i>
Children in Income Support households (2001)
Children in Income-based Job Seekers Allowance Households (2001)
Children in Working Families Tax Credit households whose equivalised income (excluding housing benefits) is below 60% of median before housing costs (2001)
Children in Disabled Person.s Tax Credit households whose equivalised income (excluding housing benefits) is below 60% of median before housing costs (2001)

The Income Deprivation Affecting Older People Index
<i>The Income Deprivation Affecting Older People Index (IDAOPI) is a subset of the Income Deprivation Domain and shows the percentage of an SOA.s population aged 60 and over that are income deprived</i>
Adults (and their partners) aged 60 and over in Income Support households (2001)
Adults (and their partners) aged 60 and over in Income-based Job Seekers Allowance Households (2001)

Appendix 2: Description of measures for local authority districts

Local Concentration is the population weighted average of the ranks of a district's most deprived SOAs that contain exactly 10% of the district's population.

Local Concentration is an important way of identifying districts' hot spots' of deprivation. The Local Concentration measure defines the 'hot spots' by reference to a percentage of the district's population. This is the mean of the population weighted rank of a district's most deprived SOAs that capture exactly 10% of the district's population. For the purposes of calculating this score the SOAs were ranked with the most deprived SOA given the rank of 32,482.

Extent is the proportion of a district's population living in the most deprived SOAs in the country.

The aim of this measure is to portray how widespread high levels of deprivation are in a district. It is the proportion of a district's population living in the SOAs which rank within the most deprived SOAs in England (comprising 100% of the population of SOAs in the worst 10%, 95% of the population in the next decile and 5% of the population in the third most deprived decile.) It only includes districts which contain SOAs which fall within the top thirty percent of the most deprived SOAs in England. Therefore some districts will not have an overall score for this measure. A rank of 306 indicates a district with no score.

Income Scale is the number of people who are Income deprived.

Employment Scale is the number of people who are Employment deprived.

These two measures are designed to give an indication of the sheer numbers of people experiencing Income deprivation and Employment deprivation at district level. The Income Scale score is a count of individuals experiencing income deprivation. The Employment Scale score is a count of individuals experiencing employment deprivation. It is useful to present both measures as they are real counts of the individuals experiencing these deprivations.

Average of SOA Ranks is the population weighted average of the combined ranks for the SOAs in a district.

This measure is useful because it summarises the district taken as a whole, including both deprived and less deprived SOAs. All the SOAs in a district need to be included to obtain such an average, as each SOA contributes to the character of that district. This measure is calculated by averaging all of the SOA ranks in each district. The SOA ranks are first of all population weighted within a district to take account of the fact that SOA size can vary in that district. For the purposes of calculating this score the SOAs were ranked with the most deprived SOA given the rank of 32,482

Average of SAO Scores is the population weighted average of the combined scores for the SOAs in a district.

This measure also describes the district as a whole, taking into account the full range of SOA scores across a district. The advantage of the Average of

SOA Score measure is that it describes the SOAs by retaining the fact that the more deprived SOAs may have more .extreme. scores, which is not revealed to the same extent if the ranks are used. This measure is calculated by averaging the SOA scores in each district after they have been population weighted.

Appendix 3: ID 2004 SOA rankings for Cumbria

Notes:

- For Rank of ID 2004, 1 is the most deprived and 32,482 is least deprived SOA nationally.
- In most cases wards are formed by more than one SOA.

SOA	LA NAME	ID 2004 Score	Rank of ID 2004	Ward Name (that SOA forms part of)
E01019164	Barrow-in-Furness	71.23	240	Ormsgill
E01019113	Allerdale	66.29	471	Moss Bay
E01019143	Barrow-in-Furness	65.24	529	Central
E01019141	Barrow-in-Furness	64.01	610	Central
E01019140	Barrow-in-Furness	63.10	687	Central
E01019301	Copeland	61.11	834	Sandwith
E01019156	Barrow-in-Furness	60.30	917	Hindpool
E01019158	Barrow-in-Furness	58.20	1126	Hindpool
E01019139	Barrow-in-Furness	57.62	1192	Barrow Island
E01019295	Copeland	55.57	1421	Mirehouse
E01019097	Allerdale	55.51	1436	Ewanrigg
E01019112	Allerdale	54.89	1502	Moss Bay
E01019197	Carlisle	53.98	1603	Botcherby
E01019193	Carlisle	53.52	1690	Belle Vue
E01019174	Barrow-in-Furness	53.35	1714	Risedale
E01019157	Barrow-in-Furness	52.05	1915	Hindpool
E01019183	Barrow-in-Furness	51.93	1937	Walney North
E01019160	Barrow-in-Furness	50.63	2173	Newbarns
E01019245	Carlisle	50.56	2188	Upperby
E01019280	Copeland	50.32	2234	Harbour
E01019142	Barrow-in-Furness	48.37	2611	Central
E01019095	Allerdale	47.49	2764	Ellenborough
E01019248	Carlisle	45.70	3127	Upperby
E01019122	Allerdale	45.53	3171	St Michael's
E01019267	Copeland	45.00	3286	Cleator Moor South
E01019111	Allerdale	44.43	3421	Moss Bay
E01019277	Copeland	44.36	3437	Frizington
E01019161	Barrow-in-Furness	43.26	3683	Newbarns
E01019165	Barrow-in-Furness	42.88	3792	Ormsgill
E01019166	Barrow-in-Furness	42.72	3829	Ormsgill
E01019175	Barrow-in-Furness	42.10	3993	Risedale
E01019231	Carlisle	41.88	4061	Morton
E01019199	Carlisle	41.08	4283	Botcherby
E01019173	Barrow-in-Furness	41.05	4293	Risedale
E01019269	Copeland	40.88	4342	Distington
E01019177	Barrow-in-Furness	40.56	4427	Roosecote
E01019108	Allerdale	40.17	4538	Moorclose
E01019121	Allerdale	39.80	4663	St Michael's
E01019263	Copeland	39.61	4720	Cleator Moor North

E01019138	Barrow-in-Furness	39.20	4875	Barrow Island
E01019206	Carlisle	38.43	5083	Castle
E01019110	Allerdale	38.16	5174	Moorclose
E01019116	Allerdale	38.10	5194	St John`s
E01019172	Barrow-in-Furness	37.70	5329	Risedale
E01019194	Carlisle	37.65	5343	Belle Vue
E01019181	Barrow-in-Furness	37.56	5378	Walney North
E01019272	Copeland	37.17	5484	Egremont North
E01019115	Allerdale	37.14	5501	Netherhall
E01019222	Carlisle	36.90	5586	Harraby
E01019207	Carlisle	36.05	5852	Castle
E01019221	Carlisle	35.69	5969	Harraby
E01019246	Carlisle	35.30	6126	Upperby
E01019109	Allerdale	35.30	6127	Moorclose
E01019159	Barrow-in-Furness	35.03	6223	Hindpool
E01019294	Copeland	34.50	6396	Mirehouse
E01019296	Copeland	33.94	6605	Mirehouse
E01019236	Carlisle	33.24	6876	St Aidans
E01019198	Carlisle	33.16	6912	Botcherby
E01019234	Carlisle	33.07	6948	St Aidans
E01019271	Copeland	32.69	7066	Egremont North
E01019187	Barrow-in-Furness	32.65	7092	Walney South
E01019291	Copeland	32.41	7185	Kells
E01019151	Barrow-in-Furness	32.29	7221	Dalton South
E01019204	Carlisle	32.08	7300	Castle
E01019230	Carlisle	32.04	7318	Morton
E01019265	Copeland	31.84	7389	Cleator Moor North
E01019227	Carlisle	31.47	7522	Longtown & Rockcliffe
E01019089	Allerdale	31.43	7540	Clifton
E01019299	Copeland	31.42	7551	Newtown
E01019285	Copeland	30.65	7863	Hensingham
E01019284	Copeland	30.58	7891	Hensingham
E01019099	Allerdale	30.57	7893	Flimby
E01019211	Carlisle	30.38	7990	Currock
E01019205	Carlisle	30.02	8124	Castle
E01019081	Allerdale	29.60	8290	Aspatria
E01019126	Allerdale	29.52	8323	Silloth
E01019216	Carlisle	29.48	8341	Denton Holme
E01019302	Copeland	29.41	8388	Sandwith
E01019171	Barrow-in-Furness	29.26	8471	Parkside
E01019184	Barrow-in-Furness	29.22	8486	Walney South
E01019098	Allerdale	29.14	8519	Ewanrigg
E01019389	South Lakeland	28.89	8626	Ulverston East
E01019270	Copeland	28.88	8631	Distington
E01019118	Allerdale	28.80	8672	St John`s
E01019210	Carlisle	27.55	9250	Currock
E01019218	Carlisle	27.47	9294	Denton Holme
E01019260	Copeland	26.99	9537	Bransty

E01019266	Copeland	26.94	9569	Cleator Moor South
E01019208	Carlisle	26.83	9627	Currock
E01019186	Barrow-in-Furness	26.75	9659	Walney South
E01019135	Allerdale	26.73	9669	Wigton
E01019209	Carlisle	25.40	10397	Currock
E01019168	Barrow-in-Furness	25.31	10442	Parkside
E01019289	Copeland	25.28	10464	Holborn Hill
E01019282	Copeland	24.99	10606	Harbour
E01019102	Allerdale	24.83	10694	Holme
E01019305	Eden	24.80	10706	Alston Moor
E01019150	Barrow-in-Furness	24.77	10715	Dalton South
E01019080	Allerdale	24.71	10741	All Saints
E01019257	Copeland	24.70	10749	Beckermest
E01019215	Carlisle	24.34	10929	Denton Holme
E01019114	Allerdale	23.72	11266	Netherhall
E01019180	Barrow-in-Furness	23.70	11280	Walney North
E01019247	Carlisle	23.69	11297	Upperby
E01019182	Barrow-in-Furness	23.68	11300	Walney North
E01019137	Allerdale	23.50	11408	Wigton
E01019147	Barrow-in-Furness	23.46	11428	Dalton North
E01019220	Carlisle	23.44	11444	Harraby
E01019252	Carlisle	23.25	11569	Yewdale
E01019274	Copeland	23.20	11602	Egremont South
E01019120	Allerdale	23.18	11616	St Michael's
E01019283	Copeland	22.95	11786	Haverigg
E01019268	Copeland	22.82	11852	Distington
E01019202	Carlisle	22.64	11964	Brampton
E01019213	Carlisle	22.61	11988	Dalston
E01019292	Copeland	22.34	12154	Kells
E01019123	Allerdale	22.20	12251	Seaton
E01019217	Carlisle	22.06	12351	Denton Holme
E01019281	Copeland	22.06	12354	Harbour
E01019290	Copeland	22.04	12362	Holborn Hill
E01019196	Carlisle	21.91	12459	Botcherby
E01019333	Eden	21.73	12574	Penrith South
E01019167	Barrow-in-Furness	21.73	12575	Ormsgill
E01019327	Eden	21.58	12683	Penrith East
E01019100	Allerdale	21.57	12688	Harrington
E01019325	Eden	21.33	12856	Orton with Tebay
E01019237	Carlisle	21.26	12912	St Aidans
E01019144	Barrow-in-Furness	21.19	12960	Dalton North
E01019178	Barrow-in-Furness	21.16	12987	Roosecote
E01019293	Copeland	21.13	13008	Millom Without
E01019149	Barrow-in-Furness	21.05	13048	Dalton South
E01019170	Barrow-in-Furness	20.96	13109	Parkside
E01019364	South Lakeland	20.95	13120	Kendal Kirkland
E01019388	South Lakeland	20.89	13166	Ulverston Central
E01019232	Carlisle	20.88	13176	Morton

E01019332	Eden	20.84	13216	Penrith Pategill
E01019094	Allerdale	20.82	13233	Ellen
E01019188	Carlisle	20.71	13312	Belah
E01019371	South Lakeland	20.55	13440	Kendal Underley
E01019082	Allerdale	20.35	13601	Aspatia
E01019264	Copeland	20.35	13603	Cleator Moor North
E01019286	Copeland	20.32	13624	Hensingham
E01019096	Allerdale	20.03	13840	Ellenborough
E01019298	Copeland	19.79	14015	Newtown
E01019278	Copeland	19.69	14088	Frizington
E01019145	Barrow-in-Furness	19.49	14256	Dalton North
E01019319	Eden	19.31	14396	Kirkby Thore
E01019309	Eden	19.30	14401	Brough
E01019335	Eden	19.22	14470	Penrith West
E01019088	Allerdale	19.18	14499	Christchurch
E01019226	Carlisle	19.10	14557	Longtown & Rockcliffe
E01019240	Carlisle	19.09	14563	Stanwix Rural
E01019233	Carlisle	19.01	14610	Morton
E01019392	South Lakeland	18.97	14635	Ulverston Town
E01019228	Carlisle	18.92	14676	Longtown & Rockcliffe
E01019128	Allerdale	18.65	14889	Solway
E01019259	Copeland	18.41	15058	Bootle
E01019359	South Lakeland	18.29	15170	Kendal Far Cross
E01019380	South Lakeland	18.19	15239	Low Furness & Swarthmoor
E01019256	Copeland	17.90	15478	Arlecdon
E01019093	Allerdale	17.79	15594	Ellen
E01019308	Eden	17.79	15603	Askham
E01019189	Carlisle	17.72	15655	Belah
E01019229	Carlisle	17.54	15791	Lyne
E01019136	Allerdale	17.44	15883	Wigton
E01019152	Barrow-in-Furness	17.36	15956	Hawcoat
E01019201	Carlisle	17.33	15979	Brampton
E01019297	Copeland	17.30	16021	Moresby
E01019340	Eden	17.15	16153	Warcop
E01019117	Allerdale	17.02	16241	St John`s
E01019127	Allerdale	16.87	16369	Silloth
E01019132	Allerdale	16.87	16374	Waver
E01019146	Barrow-in-Furness	16.83	16403	Dalton North
E01019273	Copeland	16.79	16436	Egremont North
E01019304	Copeland	16.76	16460	Seascale
E01019225	Carlisle	16.75	16475	Irthing
E01019155	Barrow-in-Furness	16.73	16484	Hawcoat
E01019107	Allerdale	16.69	16522	Marsh
E01019321	Eden	16.44	16737	Langwathby
E01019275	Copeland	16.42	16750	Egremont South
E01019323	Eden	16.28	16896	Long Marton
E01019318	Eden	16.12	17047	Kirkby Stephen
E01019315	Eden	16.01	17167	Hesket

E01019169	Barrow-in-Furness	15.99	17185	Parkside
E01019363	South Lakeland	15.92	17245	Kendal Highgate
E01019338	Eden	15.87	17289	Skelton
E01019398	South Lakeland	15.86	17295	Windermere Town
E01019336	Eden	15.84	17321	Penrith West
E01019314	Eden	15.81	17343	Hartside
E01019154	Barrow-in-Furness	15.62	17532	Hawcoat
E01019317	Eden	15.62	17533	Kirkby Stephen
E01019133	Allerdale	15.54	17598	Wharrels
E01019320	Eden	15.17	17965	Kirkoswald
E01019316	Eden	15.13	18015	Hesket
E01019185	Barrow-in-Furness	15.10	18043	Walney South
E01019324	Eden	15.03	18105	Morland
E01019310	Eden	15.02	18114	Crosby Ravensworth
E01019350	South Lakeland	15.00	18139	Coniston
E01019223	Carlisle	14.99	18149	Harraby
E01019397	South Lakeland	14.94	18202	Windermere Bowness South
E01019339	Eden	14.93	18219	Ullswater
E01019083	Allerdale	14.87	18289	Boltons
E01019084	Allerdale	14.86	18301	Broughton St Bridget`s
E01019386	South Lakeland	14.63	18534	Staveley-in-Cartmel
E01019200	Carlisle	14.57	18585	Brampton
E01019329	Eden	14.47	18694	Penrith North
E01019346	South Lakeland	14.46	18708	Burneside
E01019235	Carlisle	14.31	18833	St Aidans
E01019357	South Lakeland	14.27	18880	Holker
E01019253	Carlisle	14.18	18960	Yewdale
E01019356	South Lakeland	14.16	18978	Hawkshead
E01019354	South Lakeland	14.15	18995	Grange
E01019394	South Lakeland	14.13	19023	Whinfell
E01019176	Barrow-in-Furness	13.84	19347	Roosecote
E01019313	Eden	13.78	19410	Greystoke
E01019306	Eden	13.74	19446	Appleby (Appleby)
E01019239	Carlisle	13.73	19467	Stanwix Rural
E01019360	South Lakeland	13.72	19483	Kendal Fell
E01019384	South Lakeland	13.32	19942	Sedbergh
E01019344	South Lakeland	13.28	19987	Broughton
E01019101	Allerdale	13.12	20163	Harrington
E01019307	Eden	13.12	20172	Appleby (Bongate)
E01019312	Eden	13.09	20208	Eamont
E01019153	Barrow-in-Furness	13.01	20319	Hawcoat
E01019214	Carlisle	12.98	20356	Dalston
E01019125	Allerdale	12.96	20366	Seaton
E01019090	Allerdale	12.96	20369	Crummock
E01019358	South Lakeland	12.94	20398	Kendal Castle
E01019162	Barrow-in-Furness	12.83	20516	Newbarns
E01019130	Allerdale	12.80	20562	Wampool
E01019104	Allerdale	12.77	20602	Keswick

E01019129	Allerdale	12.69	20692	Stainburn
E01019379	South Lakeland	12.64	20740	Low Furness & Swarthmoor
E01019103	Allerdale	12.64	20743	Keswick
E01019203	Carlisle	12.43	20978	Burgh
E01019276	Copeland	12.31	21111	Ennerdale
E01019331	Eden	12.24	21178	Penrith North
E01019381	South Lakeland	12.22	21216	Lyth Valley
E01019131	Allerdale	12.22	21217	Warnell
E01019337	Eden	12.20	21246	Shap
E01019351	South Lakeland	12.19	21250	Crake Valley
E01019378	South Lakeland	12.18	21267	Low Furness & Swarthmoor
E01019395	South Lakeland	12.15	21292	Windermere Applethwaite
E01019179	Barrow-in-Furness	12.13	21325	Roosecote
E01019387	South Lakeland	12.05	21414	Staveley-in-Westmorland
E01019390	South Lakeland	12.05	21417	Ulverston North
E01019334	Eden	12.00	21469	Penrith South
E01019262	Copeland	11.97	21518	Bransty
E01019322	Eden	11.96	21529	Lazonby
E01019091	Allerdale	11.88	21614	Dalton
E01019385	South Lakeland	11.86	21636	Sedbergh
E01019224	Carlisle	11.86	21637	Hayton
E01019134	Allerdale	11.76	21749	Wigton
E01019355	South Lakeland	11.65	21856	Grange
E01019365	South Lakeland	11.53	22006	Kendal Mintsfeet
E01019242	Carlisle	11.51	22034	Stanwix Urban
E01019399	South Lakeland	11.29	22296	Windermere Town
E01019349	South Lakeland	11.23	22368	Cartmel
E01019250	Carlisle	11.16	22454	Wetheral
E01019092	Allerdale	11.16	22466	Derwent Valley
E01019382	South Lakeland	11.13	22494	Milnthorpe
E01019219	Carlisle	11.09	22559	Great Corby and Geltsdale
E01019370	South Lakeland	11.07	22592	Kendal Strickland
E01019105	Allerdale	11.00	22691	Keswick
E01019254	Carlisle	10.93	22762	Yewdale
E01019079	Allerdale	10.82	22894	All Saints
E01019300	Copeland	10.77	22944	St Bees
E01019148	Barrow-in-Furness	10.62	23139	Dalton South
E01019345	South Lakeland	10.57	23198	Broughton
E01019106	Allerdale	10.50	23273	Keswick
E01019279	Copeland	10.40	23384	Gosforth
E01019119	Allerdale	10.37	23435	St John`s
E01019212	Carlisle	10.35	23469	Dalston
E01019376	South Lakeland	10.29	23536	Lakes Grasmere
E01019163	Barrow-in-Furness	10.20	23677	Newbarns
E01019353	South Lakeland	10.07	23848	Grange
E01019303	Copeland	10.04	23901	Seascale
E01019287	Copeland	9.96	23985	Hillcrest
E01019391	South Lakeland	9.79	24178	Ulverston South

E01019330	Eden	9.78	24194	Penrith North
E01019366	South Lakeland	9.68	24306	Kendal Nether
E01019373	South Lakeland	9.62	24366	Kirkby Lonsdale
E01019326	Eden	9.57	24414	Penrith Carleton
E01019374	South Lakeland	9.41	24634	Lakes Ambleside
E01019258	Copeland	9.40	24648	Beckermet
E01019367	South Lakeland	9.25	24811	Kendal Oxenholme
E01019195	Carlisle	9.13	24974	Belle Vue
E01019192	Carlisle	8.91	25261	Belle Vue
E01019311	Eden	8.62	25644	Dacre
E01019352	South Lakeland	8.60	25676	Crooklands
E01019328	Eden	8.60	25683	Penrith East
E01019261	Copeland	8.53	25763	Bransty
E01019347	South Lakeland	8.28	26067	Burton & Holme
E01019343	South Lakeland	8.11	26311	Arnside & Beetham
E01019342	South Lakeland	8.07	26353	Arnside & Beetham
E01019375	South Lakeland	8.04	26397	Lakes Ambleside
E01019383	South Lakeland	7.84	26652	Natland
E01019372	South Lakeland	7.73	26778	Kirkby Lonsdale
E01019124	Allerdale	7.43	27162	Seaton
E01019341	South Lakeland	7.37	27230	Arnside & Beetham
E01019288	Copeland	7.29	27327	Hillcrest
E01019361	South Lakeland	7.03	27671	Kendal Glebelands
E01019243	Carlisle	7.00	27721	Stanwix Urban
E01019251	Carlisle	6.99	27741	Wetheral
E01019255	Carlisle	6.98	27750	Yewdale
E01019249	Carlisle	6.86	27893	Wetheral
E01019369	South Lakeland	6.73	28042	Kendal Stonecross
E01019085	Allerdale	6.71	28067	Broughton St Bridget`s
E01019396	South Lakeland	6.70	28091	Windermere Bowness North
E01019078	Allerdale	6.60	28222	All Saints
E01019191	Carlisle	6.52	28329	Belah
E01019086	Allerdale	6.42	28433	Broughton St Bridget`s
E01019190	Carlisle	6.20	28695	Belah
E01019238	Carlisle	6.19	28712	Stanwix Rural
E01019368	South Lakeland	5.89	29075	Kendal Parks
E01019377	South Lakeland	5.88	29089	Levens
E01019241	Carlisle	5.63	29348	Stanwix Urban
E01019393	South Lakeland	5.42	29591	Ulverston West
E01019244	Carlisle	5.40	29613	Stanwix Urban
E01019348	South Lakeland	4.78	30314	Burton & Holme
E01019087	Allerdale	3.96	31062	Christchurch
E01019362	South Lakeland	3.61	31341	Kendal Heron Hill

Appendix 4: Ward-level rankings

Notes:

- England rankings are out of 7936 wards.
- Brough and Ravenstonedale in Eden have been combined into one ward as together they only form one SOA. 50 other SOAs in England are made up of more than 1 ward.

Cumbria Rank	Ward	District	Ward Score	England Rank
1	Central	Barrow-in-Furness	59.9	63
2	Moss Bay	Allerdale	55.3	108
3	Hindpool	Barrow-in-Furness	52.2	156
4	Sandwith	Copeland	48.7	236
5	Barrow Island	Barrow-in-Furness	48.1	261
6	Ormsgill	Barrow-in-Furness	44.1	366
7	Risedale	Barrow-in-Furness	43.2	393
8	Ewanrigg	Allerdale	43.0	404
9	Mirehouse	Copeland	41.4	472
10	Upperby	Carlisle	38.4	640
11	Moorclose	Allerdale	37.8	676
12	Botcherby	Carlisle	37.6	691
13	Cleator Moor South	Copeland	35.8	822
14	St Michael`s	Allerdale	35.4	841
15	Castle	Carlisle	34.2	924
16	Harbour	Copeland	34.0	942
17	Walney North	Barrow-in-Furness	33.7	961
18	Frizington	Copeland	32.5	1058
19	Distinguon	Copeland	31.8	1114
20	Ellenborough	Allerdale	31.6	1138
21	Clifton	Allerdale	31.4	1154
22	Netherhall	Allerdale	30.6	1223
23	Flimby	Allerdale	30.6	1224
24	Newbarns	Barrow-in-Furness	29.8	1299
25	Cleator Moor North	Copeland	29.7	1314
26	Ulverston East	South Lakeland	28.9	1391
27	Egremont North	Copeland	28.7	1411
28	Morton	Carlisle	28.5	1439
29	Kells	Copeland	27.7	1524
30	Harraby	Carlisle	27.7	1526
31	Currock	Carlisle	27.6	1540
32	Hensingham	Copeland	27.3	1561
33	Belle Vue	Carlisle	27.0	1606
34	Newtown	Copeland	26.5	1647
35	Denton Holme	Carlisle	25.8	1713
36	Walney South	Barrow-in-Furness	25.5	1752
37	Aspatria	Allerdale	25.3	1781
38	St Aidans	Carlisle	25.3	1783

39	Holme	Allerdale	24.8	1849
40	Alston Moor	Eden	24.8	1853
41	Holborn Hill	Copeland	23.9	1980
42	Longtown & Rockcliffe	Carlisle	23.4	2058
43	Silloth	Allerdale	23.3	2081
44	Haverigg	Copeland	23.0	2127
45	Parkside	Barrow-in-Furness	22.9	2129
46	St John`s	Allerdale	22.8	2151
47	Dalton South	Barrow-in-Furness	22.2	2227
48	Roosecote	Barrow-in-Furness	21.8	2314
49	Orton with Tebay	Eden	21.3	2380
50	Millom Without	Copeland	21.1	2414
51	Kendal Kirkland	South Lakeland	21.0	2440
52	Ulverston Central	South Lakeland	20.9	2454
53	Penrith Pategill	Eden	20.8	2460
54	Kendal Underley	South Lakeland	20.6	2522
55	Dalton North	Barrow-in-Furness	20.3	2574
56	Wigton	Allerdale	19.7	2669
57	Ellen	Allerdale	19.4	2719
58	Kirkby Thore	Eden	19.3	2747
59	Brough	Eden	19.3	2748
60	Egremont South	Copeland	19.2	2774
61	Ulverston Town	South Lakeland	19.0	2804
62	Solway	Allerdale	18.7	2865
63	Bootle	Copeland	18.4	2919
64	Kendal Far Cross	South Lakeland	18.3	2943
65	Brampton	Carlisle	18.2	2966
66	Arlecdon	Copeland	17.9	3018
67	Askham	Eden	17.8	3053
68	Lyne	Carlisle	17.5	3117
69	Penrith West	Eden	17.5	3136
70	Harrington	Allerdale	17.4	3164
71	Moresby	Copeland	17.3	3178
72	Warcop	Eden	17.2	3209
73	Waver	Allerdale	16.9	3278
74	Irthing	Carlisle	16.8	3300
75	Marsh	Allerdale	16.7	3310
76	Beckermet	Copeland	16.6	3339
77	Langwathby	Eden	16.4	3372
78	Long Marton	Eden	16.3	3412
79	Penrith South	Eden	16.2	3428
80	Kendal Highgate	South Lakeland	15.9	3505
81	Skelton	Eden	15.9	3520
82	Kirkby Stephen	Eden	15.9	3521
83	Hawcoat	Barrow-in-Furness	15.8	3537
84	Hartside	Eden	15.8	3538
85	Bransty	Copeland	15.7	3588
86	Hesket	Eden	15.6	3601

87	Wharrels	Allerdale	15.5	3638
88	Dalston	Carlisle	15.5	3655
89	Kirkoswald	Eden	15.2	3734
90	Penrith East	Eden	15.1	3740
91	Morland	Eden	15.0	3773
92	Crosby Ravensworth	Eden	15.0	3776
93	Coniston	South Lakeland	15.0	3781
94	Windermere Bowness South	South Lakeland	14.9	3800
95	Ullswater	Eden	14.9	3802
96	Boltons	Allerdale	14.9	3830
97	Staveley-in-Cartmel	South Lakeland	14.6	3901
98	Burneside	South Lakeland	14.5	3946
99	All Saints	Allerdale	14.4	3968
100	Holker	South Lakeland	14.3	4006
101	Hawkshead	South Lakeland	14.2	4040
102	Whinfell	South Lakeland	14.1	4047
103	Low Furness & Swarthmoor	South Lakeland	14.1	4055
104	Greystoke	Eden	13.8	4173
105	Appleby (Appleby)	Eden	13.7	4185
106	Kendal Fell	South Lakeland	13.7	4196
107	Yewdale	Carlisle	13.7	4202
108	Windermere Town	South Lakeland	13.6	4237
109	Seaton	Allerdale	13.6	4254
110	Stanwix Rural	Carlisle	13.4	4339
111	Seascale	Copeland	13.3	4373
112	Appleby (Bongate)	Eden	13.1	4422
113	Eamont	Eden	13.1	4437
114	Crummock	Allerdale	13.0	4486
115	Kendal Castle	South Lakeland	12.9	4495
116	Wampool	Allerdale	12.8	4547
117	Sedbergh	South Lakeland	12.8	4560
118	Belah	Carlisle	12.8	4563
119	Stainburn	Allerdale	12.7	4582
120	Burgh	Carlisle	12.4	4688
121	Ennerdale	Copeland	12.3	4736
122	Warnell	Allerdale	12.2	4776
123	Lyth Valley	South Lakeland	12.2	4777
124	Shap	Eden	12.2	4783
125	Crake Valley	South Lakeland	12.2	4787
126	Windermere Applethwaite	South Lakeland	12.2	4806
127	Ulverston North	South Lakeland	12.1	4835
127	Staveley-in-Westmorland	South Lakeland	12.1	4836
129	Penrith North	Eden	12.0	4843
130	Lazonby	Eden	12.0	4867
131	Grange	South Lakeland	11.9	4885
132	Dalton	Allerdale	11.9	4902
133	Hayton	Carlisle	11.9	4911
134	Broughton	South Lakeland	11.8	4932

135	Keswick	Allerdale	11.8	4969
136	Christchurch	Allerdale	11.6	5007
137	Kendal Mintsfeet	South Lakeland	11.5	5055
138	Cartmel	South Lakeland	11.2	5163
139	Derwent Valley	Allerdale	11.2	5191
140	Milnthorpe	South Lakeland	11.1	5202
141	Great Corby and Geltsdale	Carlisle	11.1	5221
142	Kendal Strickland	South Lakeland	11.1	5238
143	St Bees	Copeland	10.8	5379
144	Gosforth	Copeland	10.4	5537
145	Lakes Grasmere	South Lakeland	10.3	5592
146	Ulverston South	South Lakeland	9.8	5794
147	Broughton St Bridget`s	Allerdale	9.7	5824
148	Kendal Nether	South Lakeland	9.7	5841
149	Penrith Carleton	Eden	9.6	5889
150	Kendal Oxenholme	South Lakeland	9.3	6032
151	Kirkby Lonsdale	South Lakeland	8.8	6210
152	Lakes Ambleside	South Lakeland	8.8	6211
153	Dacre	Eden	8.6	6288
154	Crooklands	South Lakeland	8.6	6299
155	Hillcrest	Copeland	8.5	6332
156	Wetheral	Carlisle	8.3	6438
157	Natland	South Lakeland	7.8	6601
158	Arnside & Beetham	South Lakeland	7.8	6607
159	Stanwix Urban	Carlisle	7.2	6862
160	Kendal Glebelands	South Lakeland	7.0	6931
161	Kendal Stonecross	South Lakeland	6.7	7036
162	Windermere Bowness North	South Lakeland	6.7	7047
163	Burton & Holme	South Lakeland	6.7	7053
164	Kendal Parks	South Lakeland	5.9	7324
165	Levens	South Lakeland	5.9	7328
166	Ulverston West	South Lakeland	5.4	7444
167	Kendal Heron Hill	South Lakeland	3.6	7813