

West Sussex
JSNA

INDICES OF DEPRIVATION 2010
Results and Analysis Report

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Abbreviations and Glossary of Terms

DCLG	Department for Communities and Local Government	The Government department is responsible for commissioning and publishing the index.
Decile / Decile Grouping	To compare the relative deprivation of one area to another, all areas are ranked from the most deprived area (ranked 1) to the least deprived. For the analysis in this report rankings have been divided into ten groups – from the most 10% deprived (the lowest decile group) to the highest decile group, the least deprived 10%. <i>National</i> rankings have been used – so an area in lowest decile group is within the most deprived area <i>nationally</i> .	
Domain - and sub domain	The Indices examine different aspects, or <i>domains</i> , of deprivation, from low income, lack of employment, education, health etc. There are seven main domains, some are further sub-divided (sub-domains) - for example income poverty is also detailed separately for children and older people.	
HMRC	Her Majesty's Revenue and Customs	
ID2010 ID2007 ID2004	Indices of Deprivation 2010 / 2007 / 2004	Other common names used are the Index of Deprivation, Index of Multiple Deprivation. This report compares information from ID2010 to the previous indices of 2004 and 2007.
IDAC	Income Deprivation Affecting Children	
IDAOP	Income Deprivation Affecting Older People	
LA	Local Authority. In this document it includes West Sussex County Council and the Districts and Boroughs (Adur District Council, Arun District Council, Chichester District Council, Crawley Borough Council, Horsham District Council, Mid Sussex District Council and Worthing Borough Council)	
LNIA	Local Neighbourhood Improvement Area	These are groups of electoral wards within West Sussex, which have been locally identified as the most deprived areas in the county. These were originally designated as part of the West Sussex Local Area Agreement. They are located in Crawley, Adur, Worthing and Arun
SOA	Super Output Area	Super Output Areas are a geography developed by the ONS for the collection and publication of small area statistics; SOA layers form a hierarchy based on aggregations of Output Areas (OAs). Output Areas – min 40 households / 100 residents Lower Super Output Areas – average pop 1,500 Middle Super Output Areas – average pop 7,200 The ID2010 is published at LSOA level, England is split into 32,482 LSOAs, West Sussex has 503.

Abbreviations and Glossary of Terms continued

Median	The "middle number" in a list of numbers. This is the average number used in the box plot graphs used in this report.	
MYE	Mid-Year Estimates (of population)	The ID2010 uses population information provided by the Office for National Statistics, the dataset is referred to as Mid-Year Estimate of population.
ONS	Office for National Statistics	
Outlier	A statistical term with a precise definition: an observation which has a certain chance (usually a 5% chance or a 1% chance) of being different from the mean because something is systematically affecting the indicator rather than random variation.	

Indices of Deprivation 2010 **BACKGROUND**

The Indices of Deprivation 2010 (ID2010) have been released by the Department for Communities and Local Government (DCLG). The ID2010 measures *relative* deprivation, i.e. how deprived one area is compared with another; it doesn't measure *absolute* deprivation, i.e. how deprived an area is compared with how deprived it was a year ago.

All areas will have seen improvements in indicators such as life expectancy since 2007 but some will not have improved as much as others and therefore may have "fallen" in the rankings.

DCLG have stated that, given the similarities between methodologies and indicators used in 2004, 2007 and 2010, it is possible to compare *relative* deprivation over time.

Most of the data used to calculate the 2010 index relate to 2008.

DCLG publish data at Lower Super Output Area (LSOA) level, and also publish summary data and rankings at local authority level. No ward or county level index was published by DCLG; a locally calculated ranking at county and ward level has been produced. An explanation of LSOA geography is attached as Appendix 2.

In terms of using the indices, the DCLG have issued guidance, in summary:-

What can you use the indices for?

- Compare different areas in England (or within different geographies - South East, West Sussex, etc). In this report, areas are compared to other areas across England.
- Identify the most deprived areas.
- Look at differences between the domains of deprivation.
- Calculate how many people are income or employment deprived (these are the only part of the index where *numbers* of people can be estimated).
- Identify small geographic areas with the greatest need for services.

What can't the Indices of Deprivation 2010 be used for?

- To show *how* deprived a place is.
- Measuring *absolute* change over time – this is a *relative* measure of deprivation – so areas may become *relatively* more deprived than others but may, in *absolute terms*, be better off over time.
- Although change in rankings can be compared over time, it is not possible to determine whether change is statistically significant - some change will be relatively minor and due to random variation rather than a real difference
- Say how affluent a place is – this is a measure of deprivation not affluence – so it is possible to say which areas are the least deprived, this does not necessarily translate into the most affluent.
- Identify deprived individuals – population averages are available for all domains with aggregated numbers available for income and employment.
- Make comparisons with different countries.
- Measure performance of services within a small geographic area.

Summary Results for West Sussex

- In 2010 West Sussex ranked 130th out of 152 upper-tier authorities on the Indices of Deprivation; in 2007 West Sussex ranked 132nd. West Sussex may have become *relatively* more deprived although the change may not be significant.
- In relation to neighbouring authorities, West Sussex is relatively less deprived than East Sussex (ranked 90th) and Brighton and Hove (ranked 53rd); more deprived than Hampshire (ranked 141st) and Surrey (ranked 150th).
- The most deprived lower-tier authority in West Sussex is Adur (ranked 145th out of 326 local authorities), the least deprived Mid Sussex (ranked 315th).
- Between the 2007 and 2010 indices, Crawley had the largest "fall" (-18 places) on the index (i.e. has become relatively more deprived than other areas), with large falls also in Arun and Chichester. Adur's relative position improved between 2007 and 2010, from 129th to 145th.
- In relation to "neighbourhood level" deprivation, West Sussex now has three small areas (within River and Ham wards in Littlehampton) falling in the 10% most deprived areas in England. This was not the case in 2004 or 2007.
- At *ward* level River and Ham wards are within the most deprived 10% in England, a further seven wards are within the most deprived 20% in England .
- Considerable inequalities remain evident, across the county as a whole, and within local authority areas.
- The change observed between the 2004, 2007 and 2010 indices varies across the county, and small area changes form a fairly complex picture. Although most areas have become relatively more deprived since 2004, for some areas (Adur and Worthing) change was greatest between 2004 and 2007, whereas for others (Arun, Crawley and Chichester) change has been fairly consistent between the three indices.
- Decline in coastal areas, such as Littlehampton, is in line with the wider national picture of coastal decline, for example areas such as Eastbourne and Hastings and coastal resorts in Kent becoming more deprived.

West Sussex - Upper Tier Level Results

NOTE : No 2010 county-level ranking was published by DCLG. A ranking has been calculated using overall deprivation scores at LSOA level and population data for 2008.

Although 2004 and 2007 rankings for upper-tier authorities were published, in 2009 there were a number of boundary changes to local authorities in England. In 2007 there were 149 upper-tier authorities ranked in ID2007; in 2010 there are 152 areas. To enable comparison with previous indices it has been necessary to recalculate rank orders for 2004 and 2007 based on post 2009 boundaries.

In 2010 West Sussex was ranked 130th out of 152 upper tier authorities, this is relatively more deprived than the rank in 2007 (132) and 2004 (135).

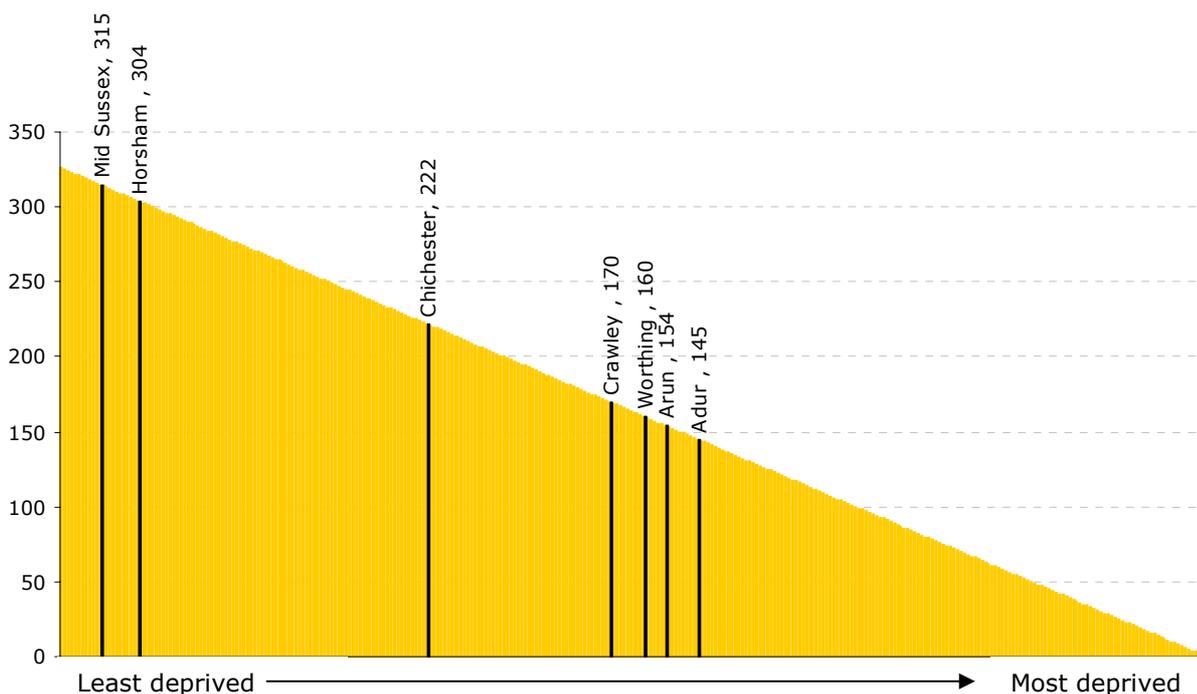
In 2010, Brighton and Hove ranked 53rd and East Sussex 90th, relatively more deprived than West Sussex, Hampshire and Surrey.

	Rank 2004	Rank 2007	Rank 2010
West Sussex	135	132	130
Brighton and Hove	62	59	53
East Sussex	103	95	90
Hampshire	142	141	141
Surrey	150	150	150

West Sussex – Lower-Tier Local Authorities

The West Sussex Local Authority rankings (in comparison to all 326 local authorities) are shown on Figure 1 below:-

Figure 1: Ranking of English District and Borough Local Authorities 2010



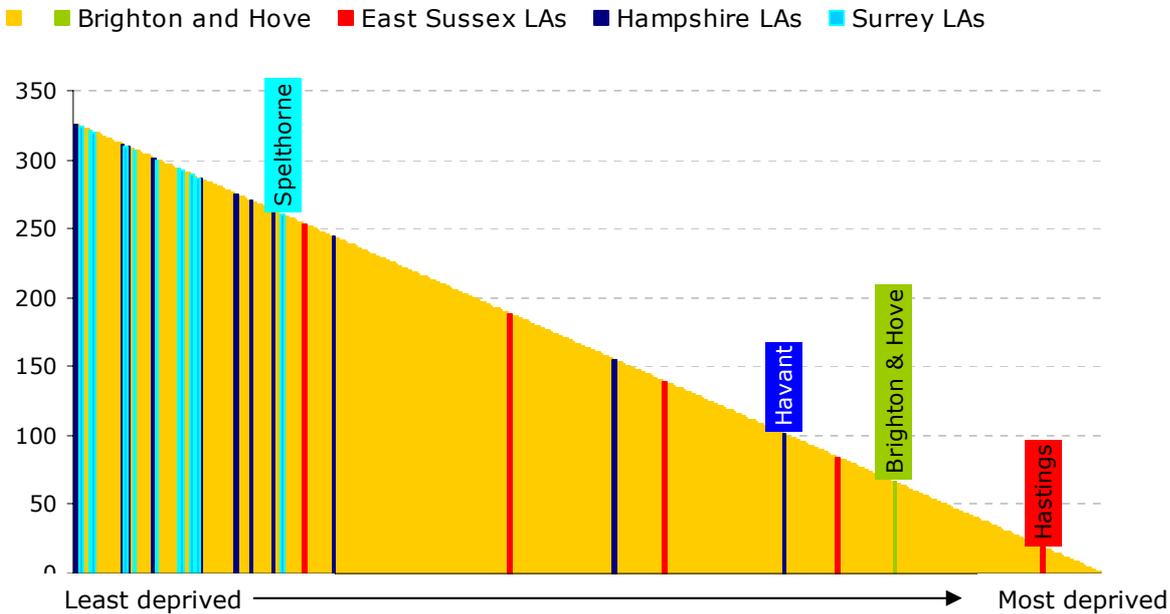
The most deprived local authority in England remains Liverpool, with the least deprived Hart (Hampshire).

Mid Sussex is the least deprived area in West Sussex, Adur the most deprived.

On a regional level, the North West remains the most deprived region, the South East the least deprived.

In relation to neighbouring county areas, Hastings (East Sussex) is the most deprived LA, ranked 19th most deprived in the country. Brighton and Hove is ranked 66th, and in Hampshire and Surrey the most deprived areas are Havant (ranked 101st) and Spelthorne (ranked 260th).

Figure 2: Local Authorities in Neighbouring Counties
(with Most Deprived LA labelled)



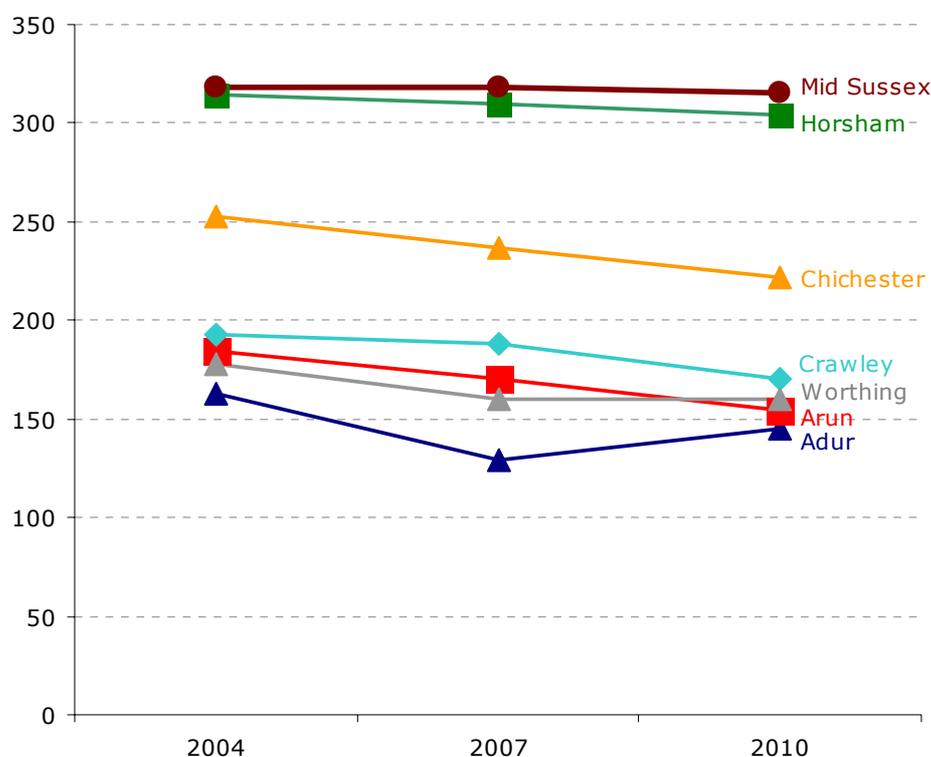
Change from 2004 and 2007

NOTE : In 2009 there were a number of boundary changes to local authorities in England - this means that rankings in 2010 cannot be directly compared to rankings in 2007. In 2007 there were 354 local authorities, in 2010, 326. To enable comparison with previous indices, it has been necessary to recalculate rank orders for 2004 and 2007.

Although Adur remains the most deprived local authority, its *relative* position nationally has improved since 2007. Worthing has remained at a similar ranking; all other areas have had falls in the index, with the biggest changes in Crawley (-18), Arun (-16) and Chichester (-15).

	Rankings Based on CURRENT LA Boundaries (out of 326 LAs)			Rankings Based on PRE-2009 LA Boundary Changes (out of 354 LAs)		
	Locally Calculated Rank 2004	Locally Calculated Rank 2007	Published Rank 2010	Published Rank 2004	Published Rank 2007	Locally calculated Rank 2010
Adur	163	129	145	179	138	155
Arun	184	170	154	205	186	166
Chichester	253	237	222	279	259	245
Crawley	193	188	170	215	207	186
Horsham	314	310	304	342	337	331
Mid Sussex	318	318	315	346	346	343
Worthing	178	160	160	198	172	173

Figure 3: Change in Relative Ranking 2004 to 2010 (based on 326 LAs)



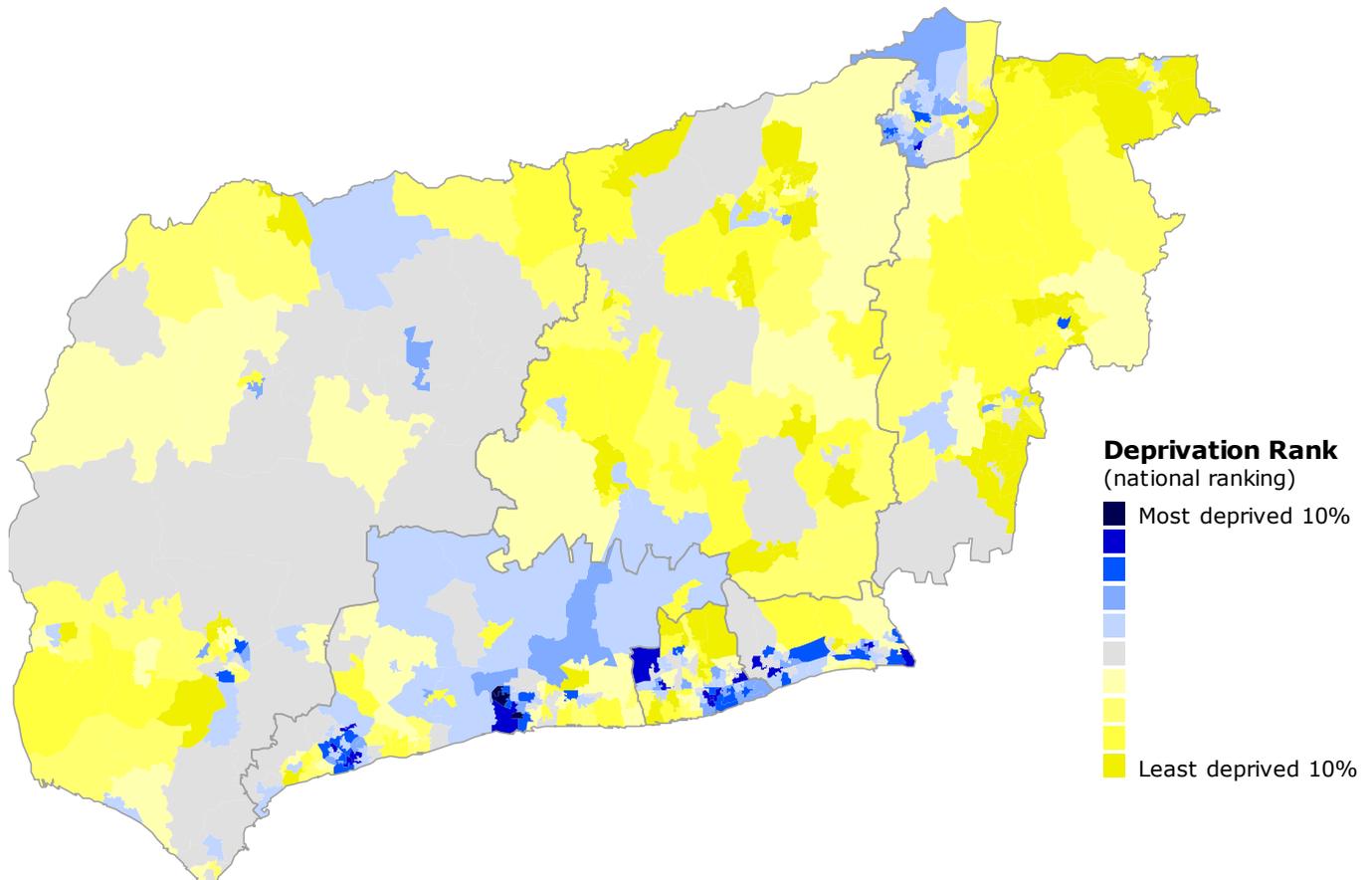
Small Areas

In relation to small areas, West Sussex now has three LSOAs within the most deprived 10% in England (within Ham and River wards in Littlehampton).

There were no areas in West Sussex within the most deprived 10% in 2007 or 2004.

Figure 4: Overall Deprivation 2010

- This maps shades LSOAs according to their *relative* deprivation ranking.
- The most deprived areas are shaded dark blue, and the least deprived shaded dark yellow.
- The darkest blue shading represents areas within the most deprived 10% in England.



Most Deprived LSOAs in West Sussex

The table below shows the LSOAs in West Sussex that are within the most 10% or 20% deprived small areas in England. The rankings are out of 32,482 areas, with 1 being ranked the most deprived, 32,482 the least deprived.

Boxes are shaded according to their national ranking

	= 10% most deprived nationally		= 10% least deprived nationally
	= 20% most deprived nationally		= 20% least deprived nationally

(all West Sussex LSOAs with 10/20% shadings are attached in Appendix 4 to this report)

LSOA	District	Ward	IMD Overall	Income	Employment	Health and Disability	Education	Barriers to Housing and Services	Crime	Living Environ.
E01031427	Arun	Ham	1764	3356	3468	2180	2732	8146	1379	1509
E01031456	Arun	River	2616	5781	1842	1419	11621	6880	5670	1232
E01031429	Arun	Ham	2783	1980	4471	7766	353	4822	10902	16714
E01031454	Arun	River	3270	7924	3665	2668	5813	7359	1729	2122
E01031819	Worthing	Northbrook	3650	3108	3556	1736	2407	13394	9449	29333
E01031404	Arun	Bersted	3704	3343	5037	2924	2114	5821	17223	9593
E01031779	Worthing	Broadwater	3753	3537	3153	2129	2353	22408	16369	9661
E01031808	Worthing	Heene	3812	7992	2470	1263	9685	13246	12111	1472
E01031790	Worthing	Central	4023	6165	3238	1646	13977	21042	5634	1183
E01031436	Arun	Marine	4120	6335	3999	5043	5673	8366	4899	2232
E01031432	Arun	Hotham	4507	8660	2995	4049	7592	8328	7541	2266
E01031558	Crawley	Broadfield South	4553	3228	5200	4149	2262	12762	12185	15226
E01031450	Arun	Pevensay	5018	3581	5731	4360	4109	10216	10642	12177
E01031371	Adur	Southlands	5399	5330	5570	2457	5331	11788	23012	5449
E01031348	Adur	Eastbrook	5627	6076	6974	3608	3067	13224	19667	4327
E01031811	Worthing	Heene	5952	11027	2814	872	17325	20507	18891	4102
E01031341	Adur	Churchill	6047	5658	8465	5775	2140	11434	19927	5527
E01031361	Adur	Peverel	6274	7682	7234	7560	1025	9082	20830	10473
E01031783	Worthing	Castle	6437	4655	8692	2887	3018	24876	13696	15824

Least Deprived LSOAs in West Sussex

The table below shows the least deprived LSOAs in West Sussex. All are within the least 10% or 20% deprived small areas in England. The rankings are out of 32,482 areas, with 1 being ranked the most deprived, 32,482 the least deprived.

LSOA	District	Ward	IMD Overall	Income	Employment	Health and Disability	Education	Barriers to Housing and Services	Crime	Living Environ.
E01031738	Mid Sussex	East Grinstead Imberhorne	32457	32299	31476	28969	29324	31004	32239	29343
E01031485	Chichester	Chichester North	32438	32303	30522	31114	31587	25017	32146	29726
E01031644	Horsham	Holbrook East	32437	31870	31872	32183	27997	24697	31662	32197
E01031735	Mid Sussex	East Grinstead Herontye	32392	31780	31127	31586	28808	24249	31883	29172
E01031758	Mid Sussex	Haywards Heath Franklands	32371	31655	30686	31286	29959	20929	32080	32408
E01031724	Mid Sussex	Crawley Down and Turners Hill	32368	31917	32162	31267	23992	26358	31423	31742
E01031645	Horsham	Holbrook East	32357	32035	31833	30157	31215	18647	32344	30946
E01031773	Mid Sussex	Lindfield	32348	31676	31171	29612	30860	28776	29433	24515
E01031646	Horsham	Holbrook East	32313	31235	31569	32116	30982	16776	32261	32113
E01031627	Horsham	Chantry	32268	31442	31480	31531	29971	24559	21520	32207
E01031774	Mid Sussex	Lindfield	32249	31888	30512	28022	30806	22058	28480	31710
E01031725	Mid Sussex	Crawley Down and Turners Hill	32199	29665	31728	29632	23101	31593	31336	28898
E01031666	Horsham	Roffey North	32178	31835	31142	31534	28686	20624	29415	27025
E01031690	Horsham	Trafalgar	32171	31787	28656	30725	29491	22128	30705	29445
E01031803	Worthing	Goring	32166	32051	30413	24614	29798	27161	29480	28711
E01031763	Mid Sussex	Haywards Heath Lucastes	32117	32266	30977	31938	32113	12441	30837	32378
E01031649	Horsham	Holbrook West	32106	30521	30475	26658	26272	28608	31727	28313
E01031715	Mid Sussex	Burgess Hill Victoria	32083	31792	31192	31010	28303	16790	28654	32323
E01031682	Horsham	Southwater	32078	30125	31273	31290	29197	16648	31312	31715
E01031678	Horsham	Southwater	32047	31040	31883	30996	28806	15625	29805	31698

LSOA	District	Ward	IMD Overall	Income	Employment	Health and Disability	Education	Barriers to Housing and Services	Crime	Living Environ.
E01031703	Mid Sussex	Burgess Hill Franklands	32043	30519	31302	27840	30240	18926	29302	31588
E01031640	Horsham	Forest	32004	32186	32017	32130	32079	11483	30245	29874
E01031759	Mid Sussex	Haywards Heath Heath	32001	30214	29927	31612	31366	17571	30644	28111
E01031718	Mid Sussex	Copthorne and Worth	31991	31559	29335	29419	25139	29310	29787	24939
E01031739	Mid Sussex	East Grinstead Imberhorne	31978	32055	31552	31991	28977	16766	25561	29142
E01031747	Mid Sussex	Hassocks	31959	29245	28650	28510	27821	29859	27149	29839
E01031675	Horsham	Rudgwick	31940	31713	30732	31012	28523	19416	29193	24858
E01031768	Mid Sussex	Hurstpierpoint and Downs	31903	31411	31445	31253	31563	15956	27260	26044
E01031650	Horsham	Holbrook West	31886	32272	32063	30867	30581	12444	31992	26615
E01031729	Mid Sussex	East Grinstead Ashplats	31830	30944	30851	31077	25458	19003	28413	29884
E01031578	Crawley	Maidenbower	31792	28807	31262	28875	27411	18578	30913	31290
E01031702	Mid Sussex	Burgess Hill Franklands	31746	29964	28796	30526	30277	16872	30012	30402
E01031689	Horsham	Trafalgar	31575	30627	30468	30417	30736	22217	29981	16831
E01031710	Mid Sussex	Burgess Hill Meeds	31567	31563	29717	29569	18074	24544	31893	31625
E01031760	Mid Sussex	Haywards Heath Heath	31543	30064	30768	29899	30853	15782	29800	24370
E01031775	Mid Sussex	Lindfield	31533	31074	26468	28876	31038	18962	32169	25963
E01031686	Horsham	Steyning	31532	28130	30571	29346	27738	17371	30975	30369
E01031797	Worthing	Gaisford	31522	30665	28865	23475	25414	31772	28330	26460
E01031581	Crawley	Maidenbower	31521	31596	32138	30910	26511	11238	31933	29756
E01031734	Mid Sussex	East Grinstead Baldwins	31485	30382	30930	29929	25158	15053	32131	29676
E01031367	Adur	St Nicolas	31470	31825	29675	21394	29210	26439	25748	27073
E01031680	Horsham	Southwater	31439	31847	31853	29867	29449	9359	30746	31824
E01031621	Horsham	Chanctonbury	31285	32384	30622	30585	30569	9084	27960	31942
E01031668	Horsham	Roffey North	31272	27092	29178	30372	23826	24100	30389	28009
E01031736	Mid Sussex	East Grinstead Herontye	31248	32125	31278	30096	29648	14258	22366	25999

LSOA	District	Ward	IMD Overall	Income	Employment	Health and Disability	Education	Barriers to Housing and Services	Crime	Living Environ.
E01031695	Mid Sussex	Ashurst Wood	31243	28187	31100	31676	28459	11724	30730	31398
E01031745	Mid Sussex	Hassocks	31121	29603	27868	27562	28250	20830	24241	30059
E01031699	Mid Sussex	Burgess Hill Dunstall	31104	29946	31850	31598	26809	9500	31086	31365
E01031580	Crawley	Maidenbower	31029	30755	31849	30496	23180	12468	29610	29631
E01031748	Mid Sussex	Hassocks	30999	29522	31047	29168	29777	17720	24752	21364
E01031700	Mid Sussex	Burgess Hill Dunstall	30995	30912	32052	31943	27871	7828	31198	30090
E01031824	Worthing	Offington	30947	31907	29430	25420	27751	28168	28751	14269
E01031683	Horsham	Southwater	30945	25807	29875	29636	20424	27237	29402	29115
E01031487	Chichester	Chichester North	30750	31128	25438	23452	30882	21262	30996	23309
E01031828	Worthing	Salvington	30712	31626	29434	24347	29703	10853	30966	30195
E01031704	Mid Sussex	Burgess Hill Franklands	30652	30705	29057	27594	24785	13404	30692	29018
E01031502	Chichester	Fernhurst	30612	31826	31929	28599	30990	6292	30659	29698
E01031635	Horsham	Cowfold, Shermanbury and West Grinstead	30589	30565	28186	26876	20679	19426	31736	27755
E01031820	Worthing	Offington	30506	30775	23496	21139	25842	28511	29493	30685
E01031744	Mid Sussex	Hassocks	30471	30083	30755	29369	26988	16466	18844	26086
E01031619	Horsham	Broadbridge Heath	30290	31060	31048	30446	25930	14466	23864	19459
E01031740	Mid Sussex	East Grinstead Imberhorne	30284	30640	30641	27390	28536	14546	27814	17943
E01031720	Mid Sussex	Copthorne and Worth	30280	29977	28640	27416	25005	16754	30330	21481
E01031612	Horsham	Billingshurst and Shipley	30219	26819	30247	30937	22096	17047	24373	29464
E01031685	Horsham	Steyning	30167	23444	28237	29337	31252	21896	29093	20009
E01031592	Crawley	Pound Hill South and Worth	30072	31720	31253	31654	30814	4941	28374	28811
E01031641	Horsham	Henfield	30016	27393	28239	28536	30502	19338	20312	22499
E01031691	Horsham	Trafalgar	29993	27765	28144	31105	26906	21728	19152	21689
E01031684	Horsham	Steyning	29979	30759	30884	30925	30793	7916	19951	28767
E01031696	Mid Sussex	Ashurst Wood	29971	27084	28934	24637	25019	16445	31416	26698

LSOA	District	Ward	IMD Overall	Income	Employment	Health and Disability	Education	Barriers to Housing and Services	Crime	Living Environ.
E01031638	Horsham	Denne	29956	30344	30173	28774	24175	8204	31075	30426
E01031713	Mid Sussex	Burgess Hill St Andrews	29925	28861	24561	27850	25004	20920	28362	24326
E01031823	Worthing	Offington	29793	30718	29546	24143	26379	12641	22063	30454
E01031496	Chichester	Donnington	29781	29738	27945	30828	28489	8884	26031	28035
E01031654	Horsham	Horsham Park	29775	29756	29046	28456	30141	7986	29259	25970
E01031681	Horsham	Southwater	29761	24341	30152	29065	22174	13689	31384	32022
E01031383	Arun	Aldwick West	29729	29634	29064	24713	26891	9545	29729	30808
E01031706	Mid Sussex	Burgess Hill Leylands	29678	28683	25663	27904	21677	27304	18961	27845
E01031804	Worthing	Goring	29674	30009	24462	18327	27056	27297	28802	24529
E01031723	Mid Sussex	Crawley Down and Turners Hill	29468	30956	28377	27711	29332	9091	28176	21402
E01031531	Chichester	Southbourne	29411	30684	27196	25091	23080	17055	24690	23738
E01031389	Arun	Angmering	29279	29512	26229	28034	28752	9578	24255	29913
E01031730	Mid Sussex	East Grinstead Ashplats	29249	31460	30910	29534	22270	6545	28345	28297
E01031593	Crawley	Pound Hill South and Worth	29112	30162	28728	29242	28012	10192	30443	15528
E01031749	Mid Sussex	Haywards Heath Ashenground	29077	28800	20443	23606	26536	28339	23563	27137
E01031615	Horsham	Billingshurst and Shipley	29025	24287	24783	29454	28615	23895	16674	27286
E01031589	Crawley	Pound Hill North	29000	29363	29621	27195	20811	13179	29447	20155
E01031340	Adur	Buckingham	28915	31238	27738	23396	21825	15699	23286	24318
E01031822	Worthing	Offington	28909	28825	28089	20109	27624	14684	30411	20613
E01031486	Chichester	Chichester North	28893	28180	29694	29261	24803	23922	18011	13261
E01031648	Horsham	Holbrook West	28878	24241	25250	27876	23288	21715	27879	23630
E01031425	Arun	Findon	28867	30224	27323	26984	25677	8162	29993	25197
E01031694	Mid Sussex	Ardingly and Balcombe	28722	28436	29340	30230	24415	13350	17810	21927
E01031412	Arun	East Preston with Kingston	28648	30441	26605	24102	29076	6627	28022	31095
E01031458	Arun	Rustington East	28598	31133	23217	17944	25453	14772	31068	30883

LSOA	District	Ward	IMD Overall	Income	Employment	Health and Disability	Education	Barriers to Housing and Services	Crime	Living Environ.
E01031639	Horsham	Forest	28575	27571	26920	30404	30383	7051	24408	27146
E01031590	Crawley	Pound Hill South and Worth	28462	29736	30978	31395	26247	4456	28620	23823
E01031582	Crawley	Maidenbower	28412	28388	30643	28632	26026	3938	32226	30741
E01031805	Worthing	Goring	28363	29165	20401	16750	27811	25000	30949	25858
E01031800	Worthing	Gaisford	28327	28468	25052	19145	23904	26097	25856	19369
E01031511	Chichester	Midhurst	28287	28050	28127	24463	21547	20953	17972	21724
E01031651	Horsham	Holbrook West	28261	21953	22669	27370	21380	23256	29933	30590
E01031756	Mid Sussex	Haywards Heath Franklands	28255	25692	26340	28531	28020	8927	23178	30708
E01031476	Chichester	Bosham	28165	30888	29954	30707	31662	6389	21255	15649
E01031623	Horsham	Chanctonbury	28148	25904	30955	28944	27851	6889	28873	19764
E01031563	Crawley	Furnace Green	28118	28040	27297	25215	20812	20976	16185	24377
E01031475	Chichester	Bosham	28091	27983	29645	28985	28104	6325	24099	22802
E01031711	Mid Sussex	Burgess Hill St Andrews	28063	24618	28464	29203	18362	10146	31192	30460
E01031728	Mid Sussex	Cuckfield	28062	27883	29362	28709	31043	9584	19637	16772
E01031634	Horsham	Cowfold, Shermanbury and West Grinstead	27956	21698	27879	28783	26614	14585	28375	19154
E01031754	Mid Sussex	Haywards Heath Bentswood	27938	25232	26875	25043	23108	28011	18368	17472
E01031674	Horsham	Rudgwick	27928	31514	30501	31801	29822	2486	30800	22080
E01031769	Mid Sussex	Hurstpierpoint and Downs	27918	20395	27231	27501	23148	21637	19671	29518
E01031793	Worthing	Durrington	27799	27778	25322	18745	18740	17867	28504	31639
E01031721	Mid Sussex	Crawley Down and Turners Hill	27750	21120	25817	26066	22236	16098	30434	28959
E01031416	Arun	Felpham East	27737	29158	18516	20936	27487	14906	30930	31560
E01031755	Mid Sussex	Haywards Heath Bentswood	27693	23947	22119	21545	23927	29825	25206	23514
E01031655	Horsham	Horsham Park	27689	27445	30696	24813	29151	9682	23339	15345
E01031642	Horsham	Henfield	27674	22410	27446	28187	20807	18230	22240	24969

LSOA	District	Ward	IMD Overall	Income	Employment	Health and Disability	Education	Barriers to Housing and Services	Crime	Living Environ.
E01031719	Mid Sussex	Copthorne and Worth	27602	26772	26956	25489	21710	12238	23808	24914
E01031384	Arun	Aldwick West	27553	26142	26787	24236	23948	10202	29675	23608
E01031672	Horsham	Roffey South	27448	30386	21512	24621	30725	14054	27878	14135
E01031727	Mid Sussex	Cuckfield	27421	30127	29559	29946	30534	4541	27687	15027
E01031679	Horsham	Southwater	27419	31113	31749	29403	29591	2390	31619	19616
E01031762	Mid Sussex	Haywards Heath Lucastes	27388	24258	28161	28546	29159	7033	27472	21605
E01031717	Mid Sussex	Burgess Hill Victoria	27219	26659	23822	22214	19216	29596	22414	18812
E01031625	Horsham	Chanctonbury	27102	30312	30929	31505	26437	2138	27869	26114
E01031829	Worthing	Salvington	27047	25970	21618	17834	23498	19070	28053	30215
E01031418	Arun	Felpham East	26837	23001	25164	22389	20794	16349	29365	24627
E01031338	Adur	Buckingham	26832	29182	23869	16128	18185	19476	28491	26515
E01031753	Mid Sussex	Haywards Heath Bentswood	26828	23978	18841	23564	25663	27232	25279	21362
E01031693	Mid Sussex	Ardingly and Balcombe	26739	25073	25139	23713	26196	12293	24609	20024
E01031722	Mid Sussex	Crawley Down and Turners Hill	26683	24947	25704	25800	26715	11106	25589	17146
E01031420	Arun	Felpham West	26589	22776	23129	21543	20266	18794	27010	29070
E01031622	Horsham	Chanctonbury	26578	27337	29624	31858	24615	7898	20500	13453
E01031461	Arun	Rustington West	26566	23517	23003	22508	22535	12377	31089	28576
E01031339	Adur	Buckingham	26559	27156	27335	18580	23207	9377	28719	23833
E01031495	Chichester	Chichester West	26530	23142	22777	24622	29395	25735	27135	9818
E01031659	Horsham	Itchingfield, Slinfold and Warnham	26493	29028	30807	26109	24527	4273	29875	16876
E01031463	Arun	Rustington West	26488	25337	24648	20577	21347	16272	22673	25208
E01031517	Chichester	Plaistow	26398	26784	27947	29153	28088	6496	29895	11764
E01031751	Mid Sussex	Haywards Heath Ashenground	26373	22604	23403	24630	25244	25725	18739	16679
E01031353	Adur	Manor	26352	31034	29726	24523	20839	2892	30507	28794
E01031816	Worthing	Marine	26309	22127	23771	19405	22695	29960	28063	15632

LSOA	District	Ward	IMD Overall	Income	Employment	Health and Disability	Education	Barriers to Housing and Services	Crime	Living Environ.
E01031664	Horsham	Pulborough and Coldwatham	26267	30895	30099	31808	29770	2669	18737	19530
E01031532	Chichester	Southbourne	26236	30568	32072	26371	21885	2380	30109	23950
E01031630	Horsham	Chantry	26209	20030	24720	24098	19441	28869	20748	22352
E01031471	Arun	Yapton	26204	29128	24218	20545	21135	7973	26395	29693
E01031395	Arun	Barnham	26177	26075	22243	21747	20662	11826	27885	28944
E01031391	Arun	Arundel	26145	26394	26935	26266	22246	8541	26638	17116
E01031741	Mid Sussex	East Grinstead Town	26142	26055	24663	23518	24692	16958	19126	15641
E01031597	Crawley	Southgate	26113	26327	28884	24033	19770	10972	13650	29495
E01031737	Mid Sussex	East Grinstead Herontye	26099	19918	24654	25080	15459	20424	29183	28755
E01031726	Mid Sussex	Cuckfield	26057	19466	22953	24545	24765	15528	27441	26021
E01031761	Mid Sussex	Haywards Heath Heath	26056	23508	25156	19754	25906	25411	24270	11675
E01031733	Mid Sussex	East Grinstead Baldwins	25997	20428	24466	19512	20880	23545	25552	24590

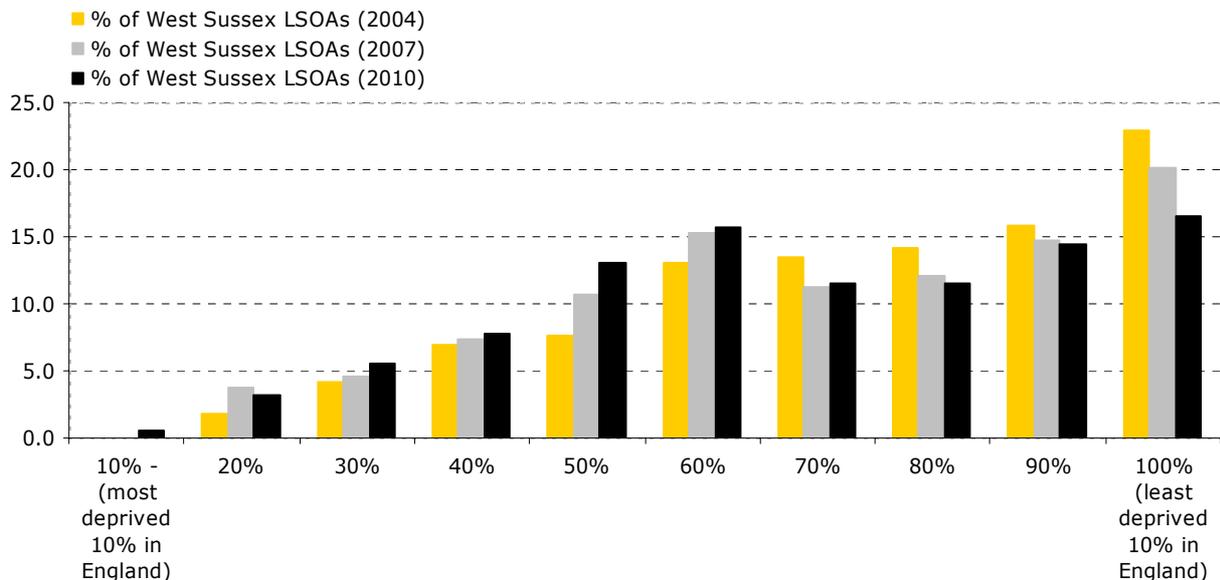
Change from 2004 and 2007

The table and graph below shows that there has been an increase in LSOAs in the most deprived 30% of areas nationally – 9.3% of LSOAs in 2010 fell into the most deprived 30% compared to 6.0% in 2004 and 8.4% in 2007 respectively.

In relation to the least deprived 30%, 42.5% of West Sussex LSOAs were in the least deprived 30% nationally in 2010, compared to 52.9% in 2004.

Decile Groups	% of West Sussex LSOAs (2004)	% of West Sussex LSOAs (2007)	% of West Sussex LSOAs (2010)
10% - (most deprived 10% in England)	0.0	0.0	0.6
20%	1.8	3.8	3.2
30%	4.2	4.6	5.6
40%	7.0	7.4	7.8
50%	7.6	10.7	13.1
60%	13.1	15.3	15.7
70%	13.5	11.3	11.5
80%	14.1	12.1	11.5
90%	15.9	14.7	14.5
100% (least deprived 10% in England)	22.9	20.1	16.5

Figure 5: LSOAs % in Each Decile Groups 2004,2007 and 2010



Movement Between Decile Groups 2007 to 2010

This table shows the decile grouping of LSOAs in 2007 and 2010.

For example, a cell is shaded yellow in the table – this cell shows that in 2007 there were 13 West Sussex LSOAs in decile grouping 5 which had moved to decile grouping 4 (i.e. became relatively deprived) in 2010.

Cells shaded blue represent areas where there was no change in decile grouping between 2007 and 2010.

		IMD Deciles 2007										Total	
		1	2	3	4	5	6	7	8	9	10		
IMD Deciles 2010	1	0	3	0	0	0	0	0	0	0	0	0	3
	2	0	14	2	0	0	0	0	0	0	0	0	16
	3	0	2	16	10	0	0	0	0	0	0	0	28
	4	0	0	5	21	13	0	0	0	0	0	0	39
	5	0	0	0	6	36	20	4	0	0	0	0	66
	6	0	0	0	0	5	51	22	1	0	0	0	79
	7	0	0	0	0	0	6	29	22	1	0	0	58
	8	0	0	0	0	0	0	2	30	26	0	0	58
	9	0	0	0	0	0	0	0	8	43	22	0	73
	10	0	0	0	0	0	0	0	0	4	79	0	83
	Total	0	19	23	37	54	77	57	61	74	101	0	503

Spread of Deprivation

The following section includes **box plot** diagrams - the box plots look at the spread of deprivation and also enables comparison between areas.

A note on reading box plots for the ID2010

Box plots are used to show the *spread* of data, the middle line in the box is the *median*, and there are an equal number of LSOAs above and below this line.

The top section of the box includes the 25% of LSOAs most closely above the median, the bottom includes the 25% most closely below the median.

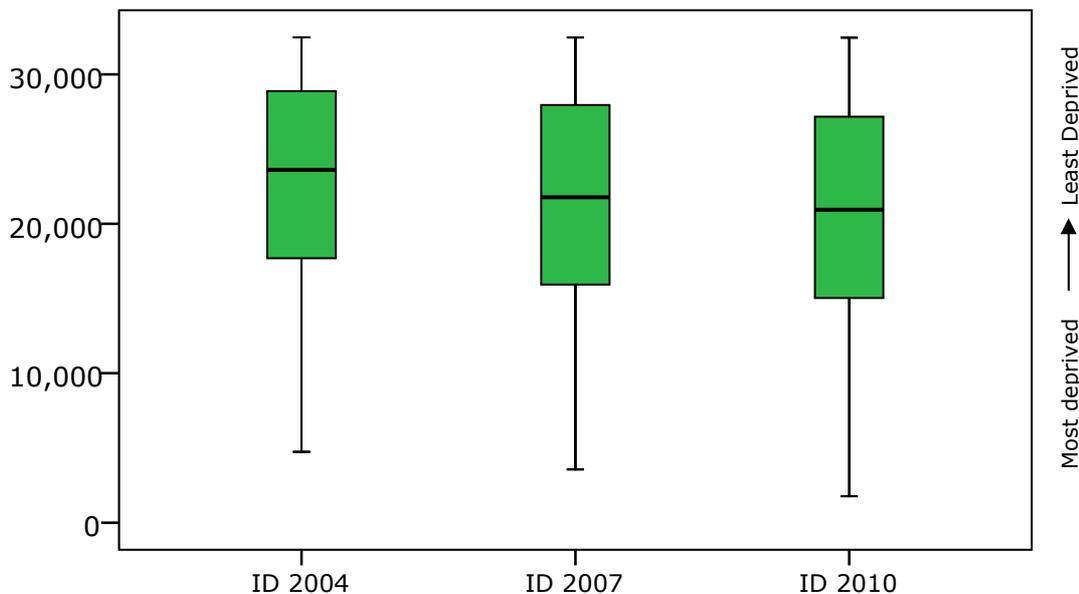
The remaining 50% above and below are usually captured by the "*whiskers*"; the whiskers are set to have a maximum length of 1.5 interquartile ranges (the length of the box), the end of each whisker is the most extreme value within this range.

Those LSOAs that are further than 1.5 interquartile ranges from the top or bottom of the box are classified as statistical *outliers* and omitted from median and range calculations; these are shown as small circles on the box plot.

The proximity of the limits of the box to the median show how similar most LSOAs are to the average; short whiskers indicate that there are no areas extremely different to the average. Where used, the red and yellow lines show the limits of the 10% and 20% most deprived LSOAs nationally.

Figure 6 below shows that West Sussex has become relatively more deprived (median line is lower in 2010 than 2007 and 2004) and the range or spread of deprivation has increased. It is not possible to determine whether this change is statistically significant.

Figure 6: Spread of Overall Deprivation – West Sussex



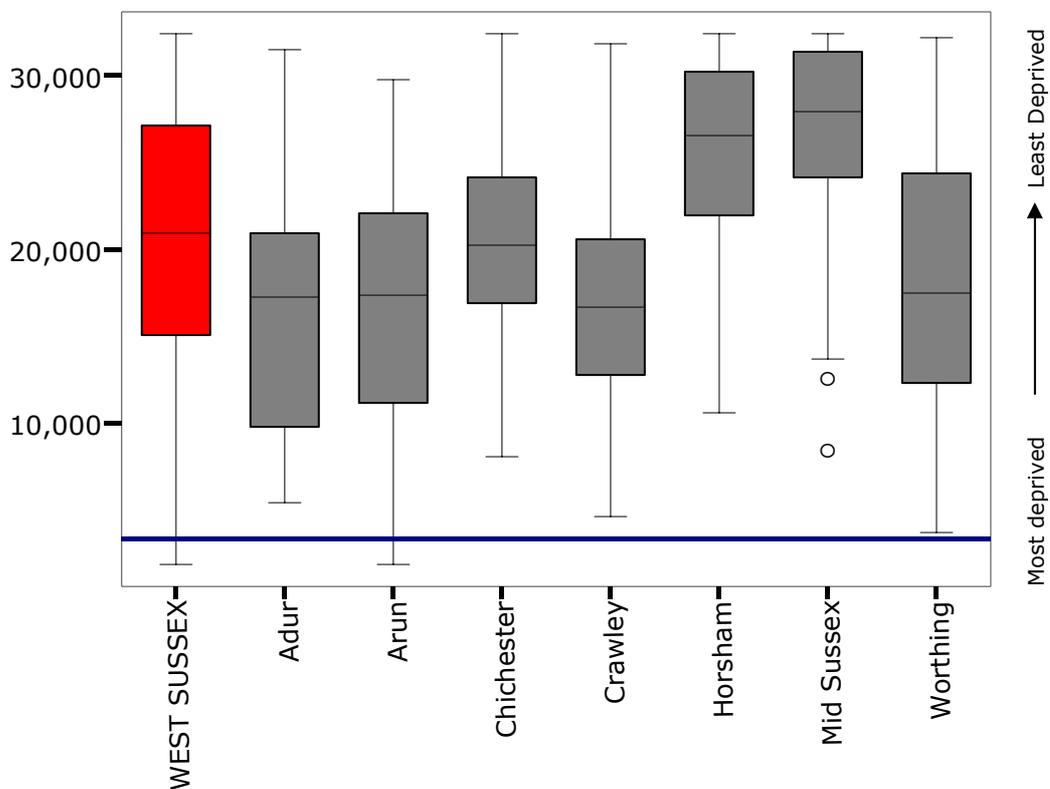
Deprivation Spread by District

Overall Deprivation

Figure 7 shows deprivation in each local authority area.

- Arun has a number of LSOAs in the most 10% deprived areas in England (below the blue line).
- Crawley has the lowest median ranking but has some outliers (areas much less deprived).
- Mid Sussex and Horsham are less deprived overall – but note Mid Sussex with a long whisker – i.e. some areas much more deprived than the rest of the local authority.

Figure 7: Spread of Overall Deprivation – West Sussex Local Authorities



Ward Level Deprivation

Locally, a ranking has been calculated for all England wards. The 20 most deprived wards in West Sussex are shown in the table below (the full list of wards is provided in Appendix 3). Both national rankings (out of 7,932 wards in England and the West Sussex rankings (out of 145 West Sussex wards) are shown.

Two wards, River and Ham, are within the most 10% deprived wards in England and a further seven wards (shaded lighter blue) are within the most 20% deprived.

West Sussex Ranking (out of 145 wards)	National Ranking (out of 7,932 wards)	District	Ward
1	517	Arun	River
2	568	Arun	Ham
3	982	Arun	Marine
4	1085	Worthing	Central
5	1444	Arun	Pevensey
6	1464	Adur	Eastbrook
7	1505	Adur	Southlands
8	1508	Arun	Hotham
9	1553	Worthing	Heene
10	1731	Crawley	Broadfield South
11	1800	Arun	Orchard
12	1943	Adur	Mash Barn
13	2005	Crawley	Broadfield North
14	2024	Worthing	Selden
15	2039	Adur	St Mary's
16	2054	Worthing	Northbrook
17	2130	Crawley	Bewbush
18	2235	Chichester	Chichester East
19	2262	Adur	Churchill
20	2346	Adur	Peveler

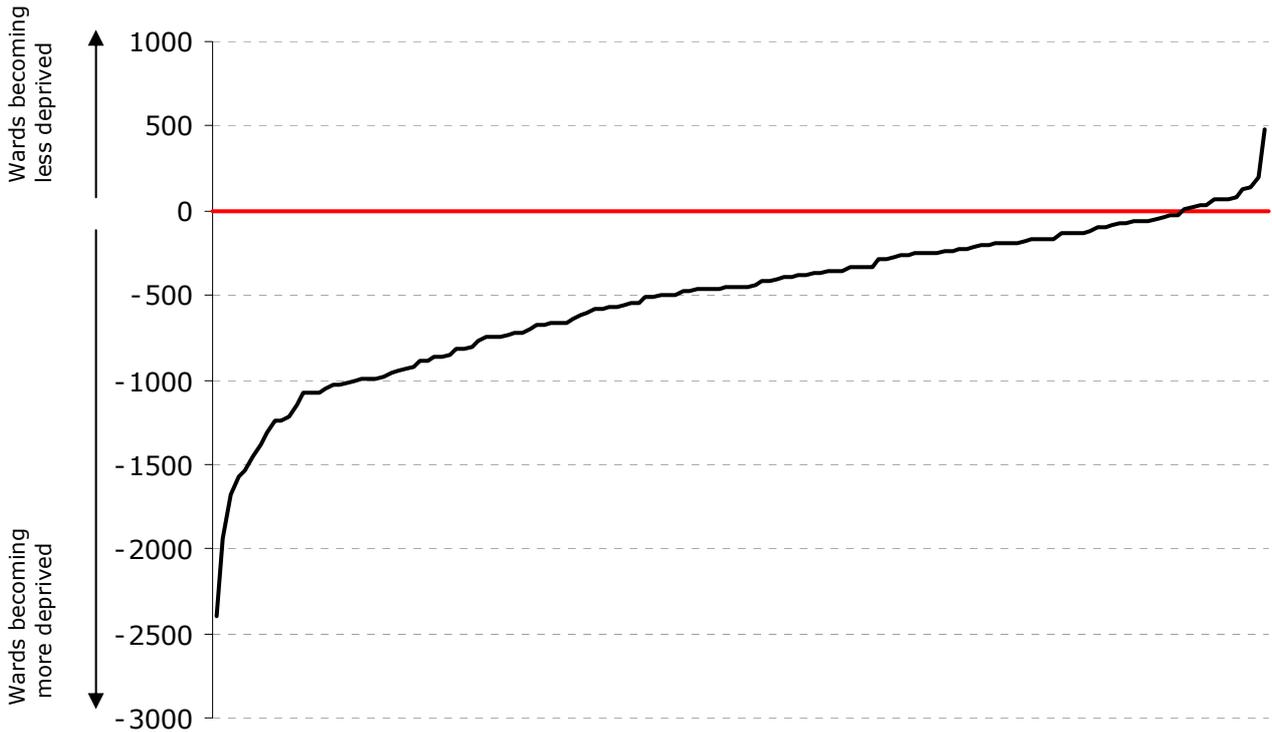
To support comparison at ward level and across years and domains, a separate Excel tool has been developed for West Sussex wards - this enables comparison of wards on all domains of the indices and also compares ward positions in 2007 and 2010.

Change in Ward Ranking from 2004 to 2010

Looking at the change in ward level rankings from 2004 to 2010, it is evident that very few wards have become *relatively less* deprived in West Sussex; most have become relatively more deprived.

Figure 8 below shows the change in ward rankings for all West Sussex wards between 2004 and 2010, some wards have moved two decile groupings.

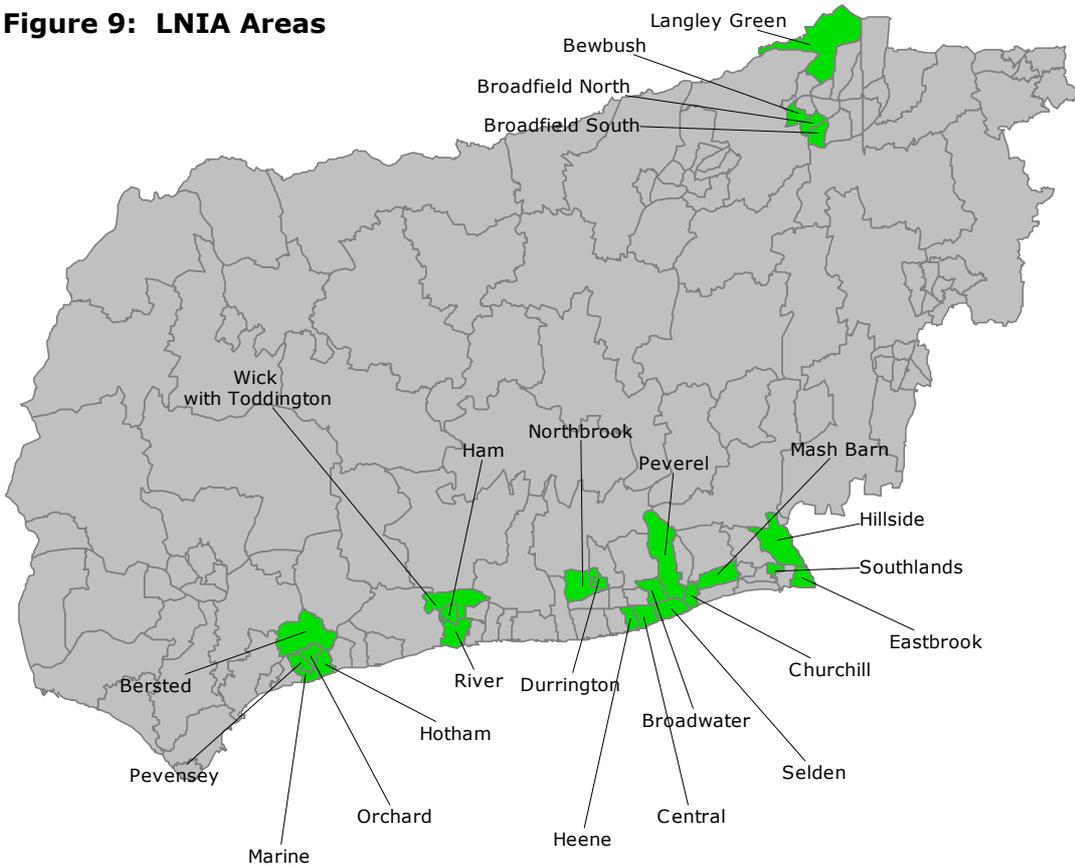
Figure 8: Individual Ward Change in Ranking Between 2004 and 2010



Local Neighbourhood Improvement Areas

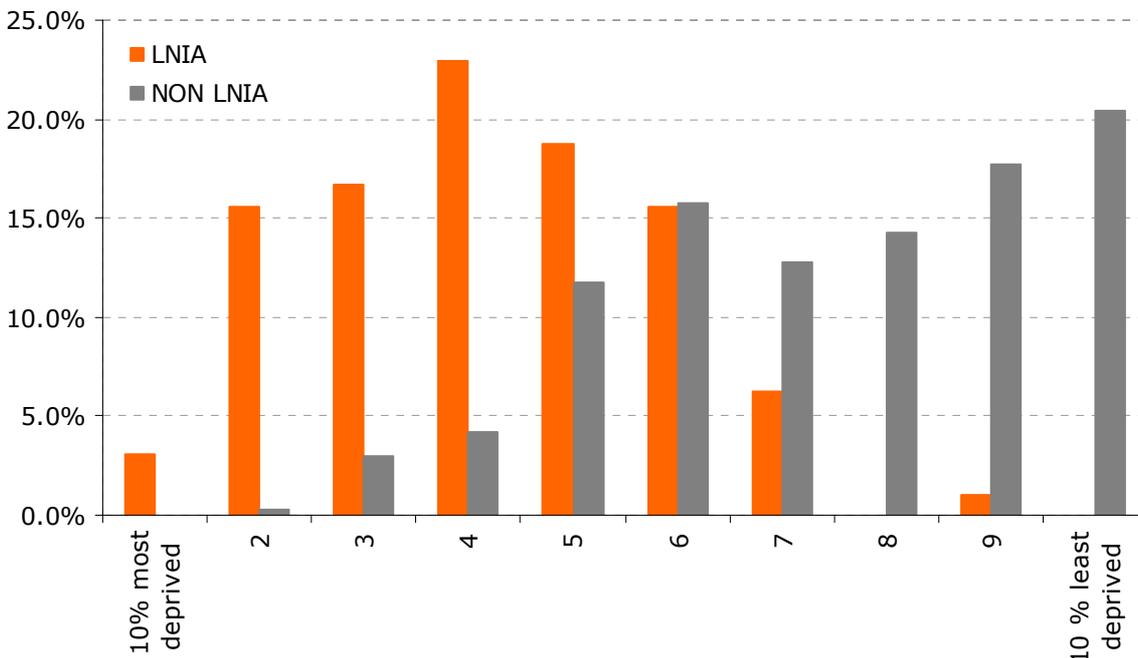
The most deprived wards in West Sussex (which are within the 20% most deprived in England) are all designated West Sussex Local Neighbourhood Improvement Areas (LNIAs). There are 96 LSOAs based in LNIAs. These are shown on the map below:-

Figure 9: LNIA Areas



Using LSOA level data, Figure 10 shows the ID2010 broken down by LNIA status. This shows that overall LNIAs have a much more deprived profile than non-LNIA areas.

Figure 10: Percentage of LSOAs in Each Decile Group – LNIAs/Non LNIAs



Rural / Urban Breakdown of Data

ONS provide rural/urban classifications for each small area in England; at LSOA level areas are grouped into three broad groups:-

- Urban (population over 10,000)
- Town and Fringe
- Village, Hamlet and Isolated Dwellings

Town and fringe, village, hamlet and isolated dwellings groups are classed as rural areas by ONS. In West Sussex, of the 503 LSOAs, 64 are classified as town and fringe, 58 village and isolated hamlets and 381 urban - these are shown on the map below.

Figure 11: Urban/Rural Classifications

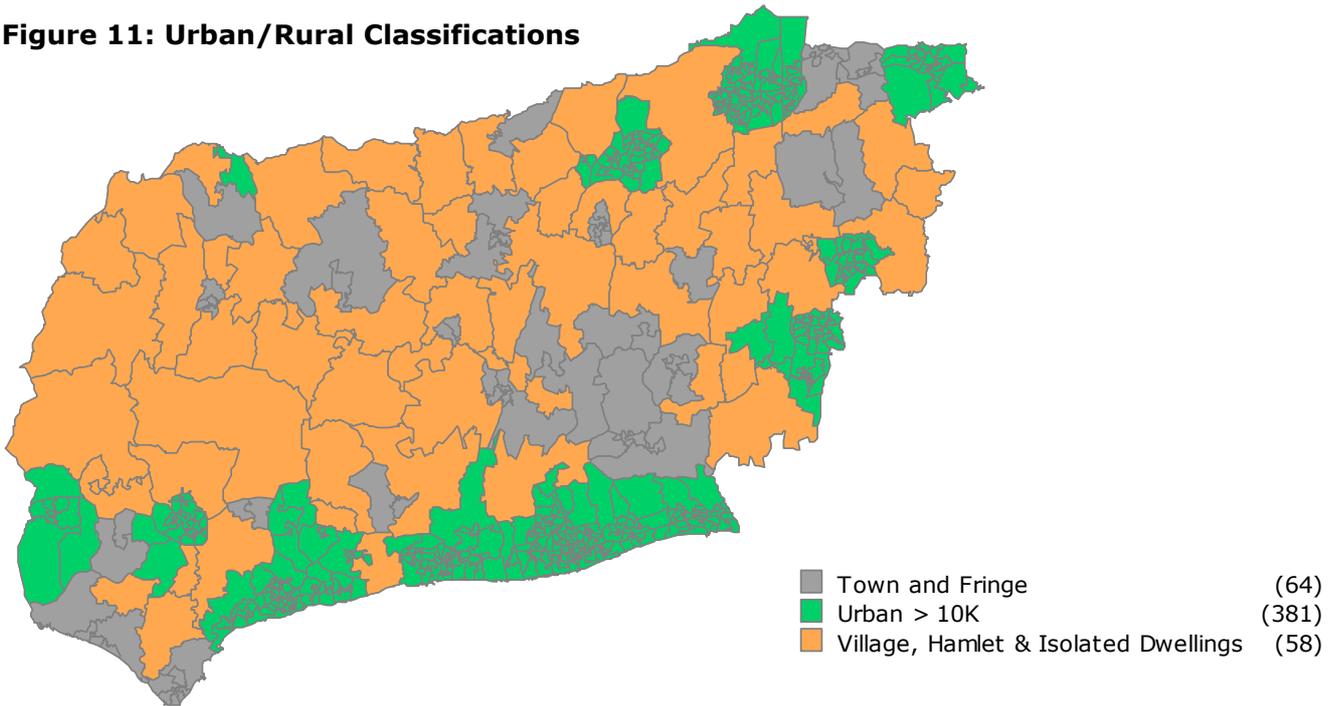
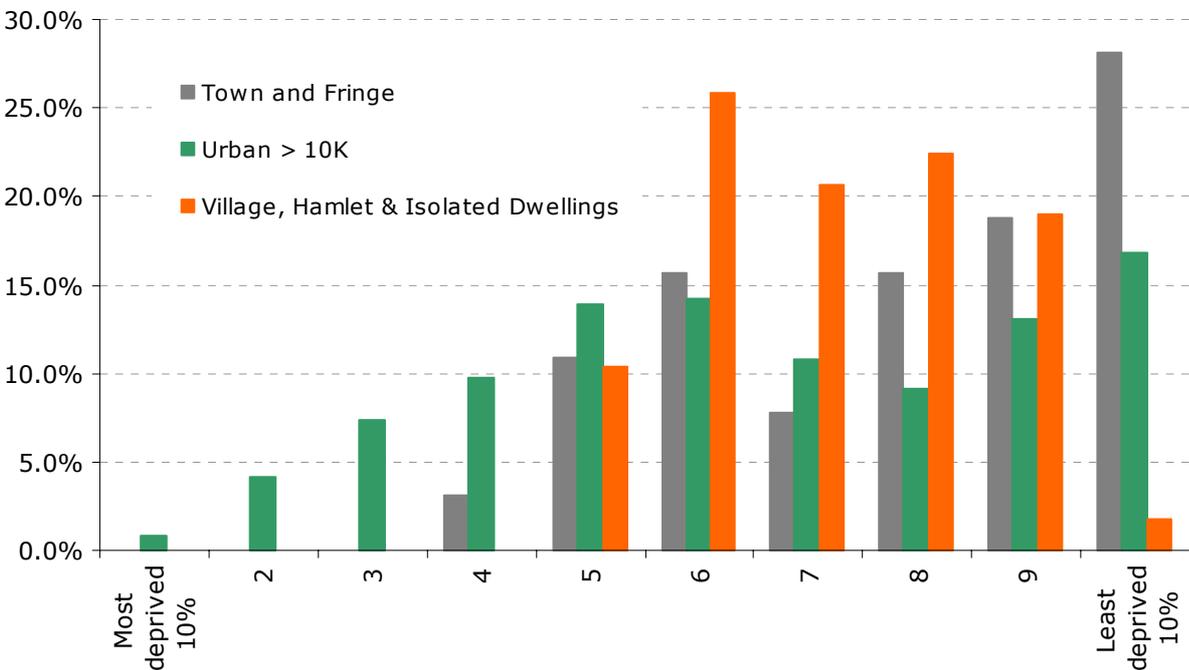


Figure 12 shows that urban LSOAs are relatively more deprived, only urban LSOAs featuring in the most deprived decile groups.

Figure 12: Percentage of LSOAs in Each Decile Group – Rural / Urban Classifications



Domains of the Index

Details of the indicators used in each of the seven domains is provided in Appendix 1

The Indices of Deprivation use indicators under seven separate domains of deprivation:-

- income
- employment
- health and disability
- education and skills
- barriers to housing and services
- crime
- living environment

Scores and ranks are provided for each domain for all LSOAs in England. Not all domains are weighted equally; income and employment account for 45% of the deprivation overall score. It should be noted that, for the income and employment domains, the scores provided are rates, so an income score of 0.25 means that 25% of the people in the LSOA are income deprived.

Some domains include sub-domains; for example under Income the deprivation affecting children and also older people is shown separately.

The following pages examine each separate domain of the ID2010; maps provided show the relative deprivation of small areas according to the national rankings.

Income Deprivation

Income deprivation examines the number of people who are living on a household income which is 60% or below median household income.

Using data from the ID2010, approximately 74,300 people in West Sussex are income-deprived; this is approximately 9.5% of the population (based on MYE 2008 population).

Number of People Income-Deprived

Calculated from LSOA Aggregation (*rounded to nearest 100*)

	Number	%
Adur	7,300	12.0%
Arun	17,100	11.4%
Chichester	9,900	8.9%
Crawley	12,100	11.6%
Horsham	8,300	6.4%
Mid Sussex	8,100	6.2%
Worthing	11,500	11.3%

Across the county there are considerable differences. The map overleaf shows the percentage of people income-deprived at LSOA level.

Figure 13: Percentage of People Income-Deprived

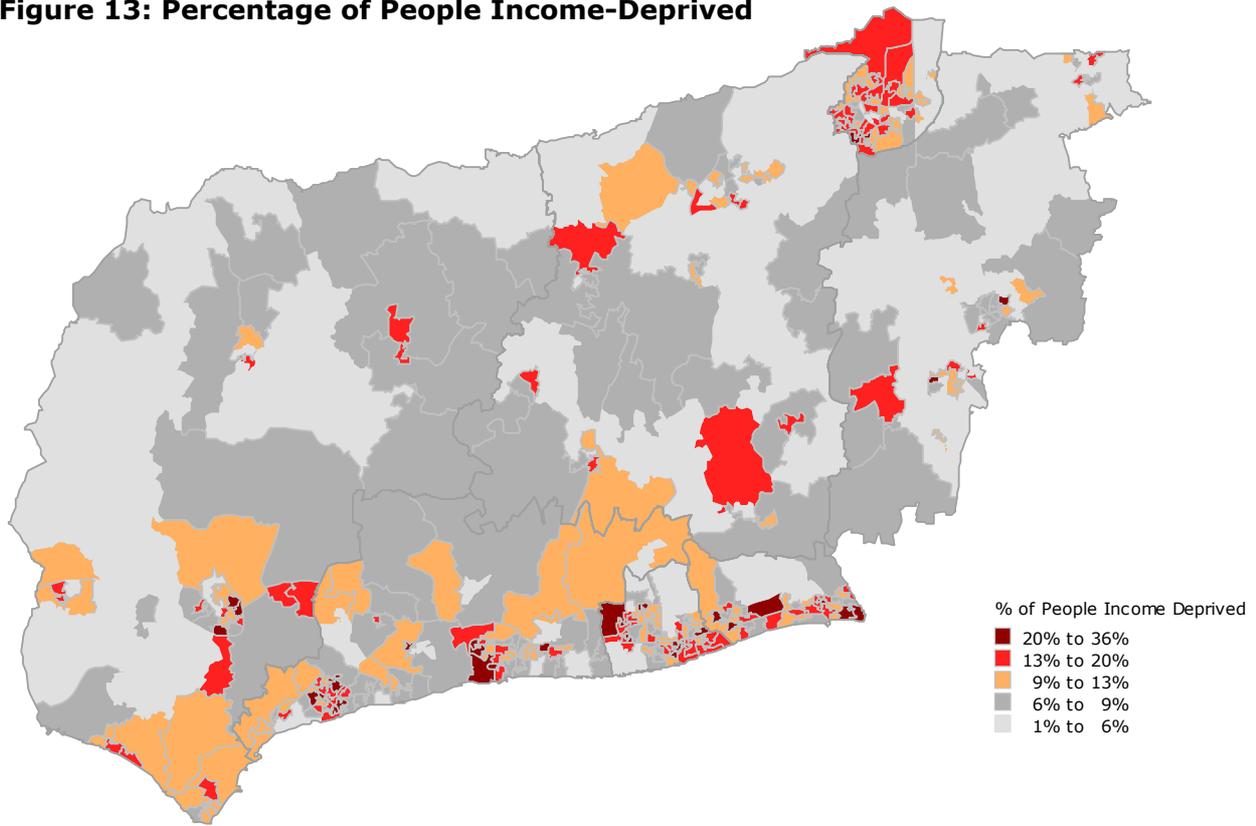
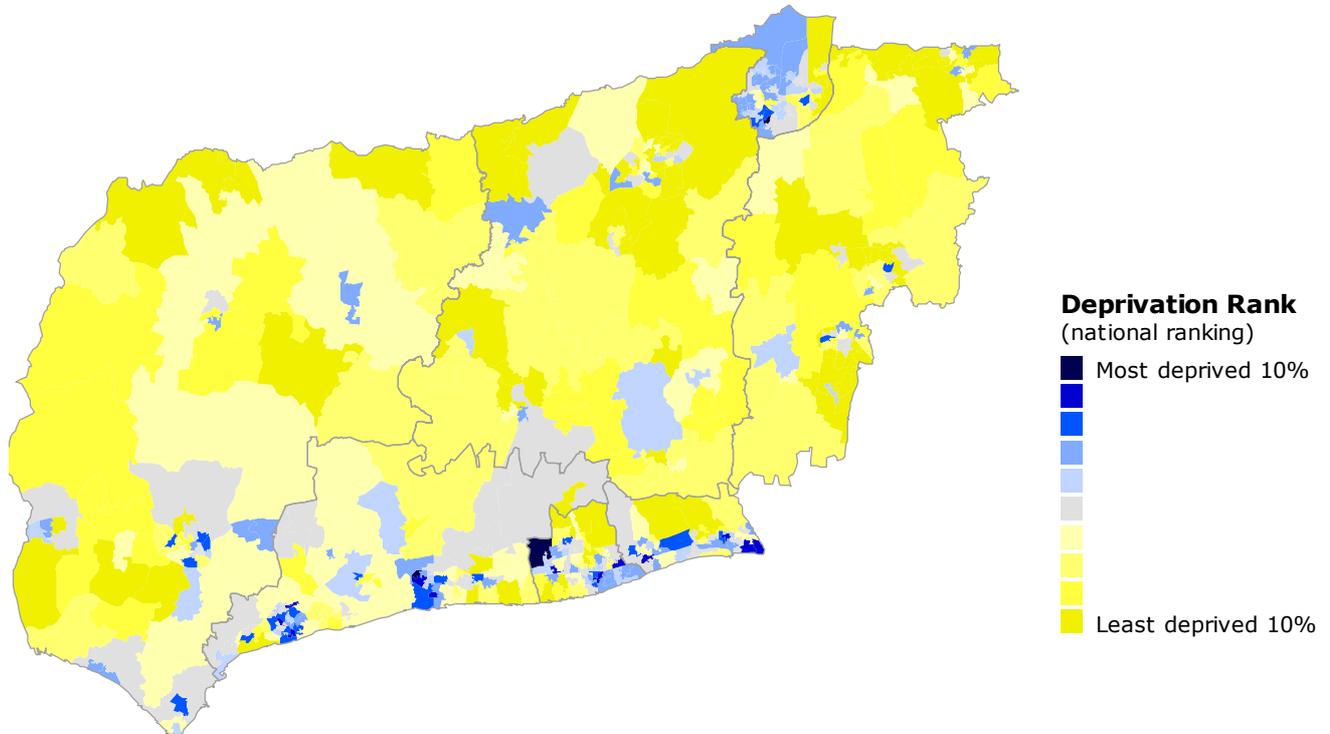


Figure 14: Income Deprivation



The map above shows that in relation to income deprivation, there are some small areas of West Sussex which rank in the 10% most deprived areas in England; these are located in Ham ward (Arun), Broadfield South (Crawley) and Northbrook (Worthing).

Wards with Highest Levels of Income Deprivation

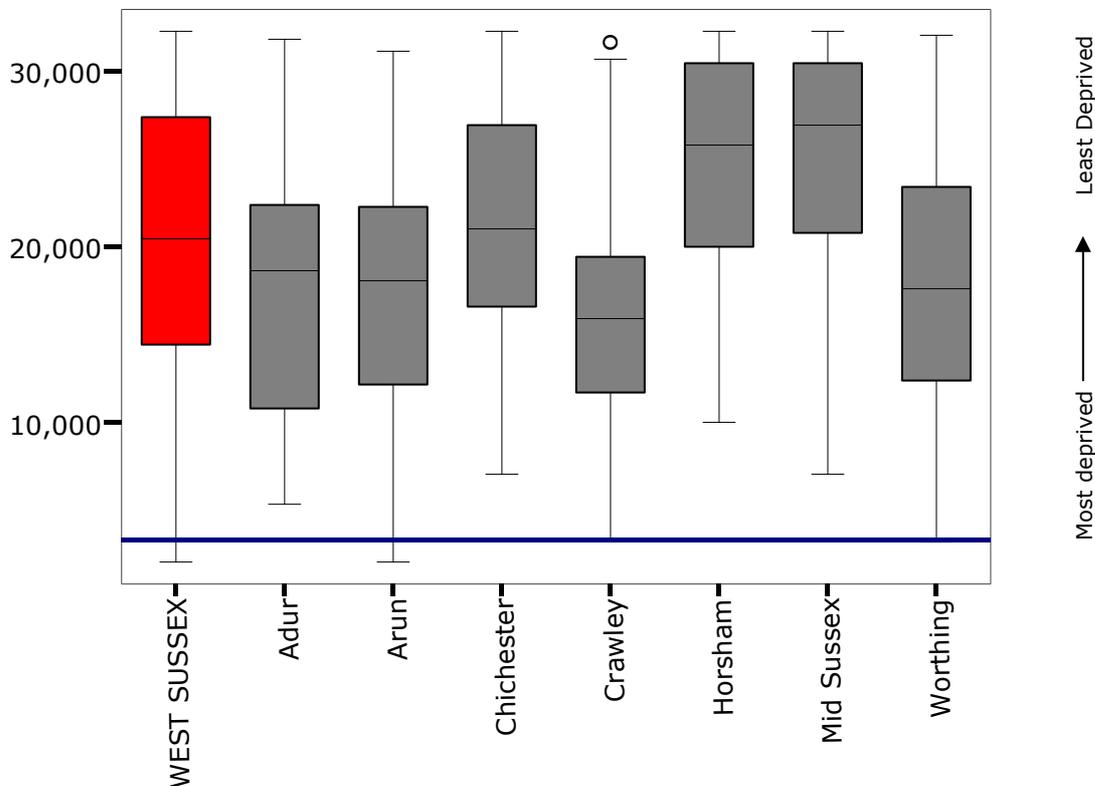
(Full list of wards provided in Appendix 5)

Ward	LA	% of People Income Deprived
Ham	Arun	24.0
River	Arun	21.1
Pevensey	Arun	20.2
Eastbrook	Adur	19.6
Northbrook	Worthing	19.2
Southlands	Adur	18.8
Broadfield South	Crawley	18.6
Marine	Arun	18.4
Central	Worthing	18.1
Broadfield North	Crawley	17.7

Income Deprivation – Spread at District Level

Figure 15 below shows that LSOAs in Crawley have the lowest average. LSOAs are tightly clustered around the median but the whiskers are long, and there are some statistical outliers very different from the rest of the borough. These outliers are all within Maidenbower ward, an area that is relatively less deprived than the rest of the borough.

Figure 15: Spread of Income Deprivation – West Sussex Local Authorities



Income Deprivation Affecting Children

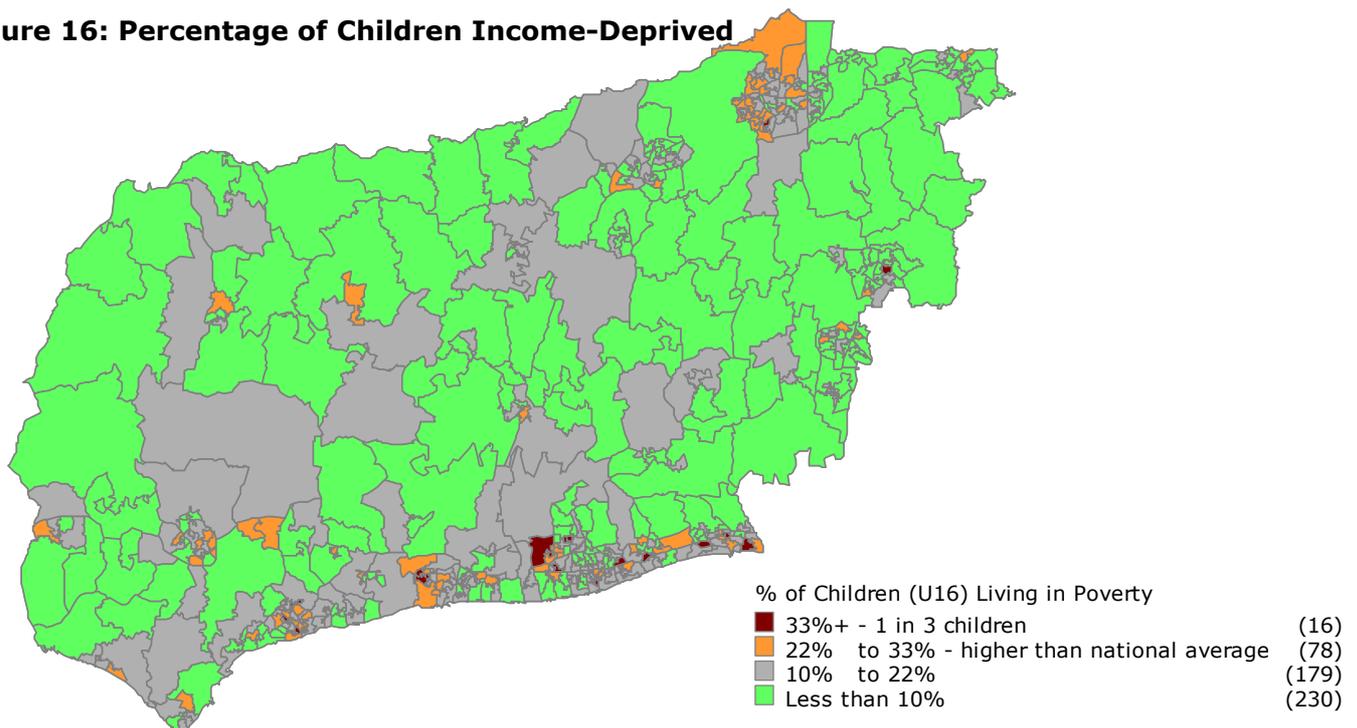
(Ward level data provided in Appendix 5)

This sub-domain measures the number of children (aged 0-16) who live in households where the household income is 60% or below median income. The information on child poverty on the ID2010 relates, in the main, to 2008.

According to the ID2010, approximately 13.2% of children (approx 19,000 children) in West Sussex live in low income households. This is broadly comparable to the 2008 child poverty figure released by HMRC (13.4%).

	% of Children in Low Income Households ID2004	% of Children in Low Income Households ID2007	% of Children in Low Income Households ID2010
Adur	16.8	17.6	17.1
Arun	16.0	17.1	16.7
Chichester	11.9	12.4	12.5
Crawley	15.8	18.7	19.0
Horsham	7.8	8.9	8.4
Mid Sussex	7.7	8.8	7.9
Worthing	15.6	15.9	15.0

Figure 16: Percentage of Children Income-Deprived



The map above shades the county into 4 groups:-

- The green shaded areas are areas where the level of child poverty is at 0-10% which is below the Govt. target relating to child poverty
- Grey shaded areas are above the Govt. target level of 10% but below the national average of 22%.
- The amber shaded areas are areas which are currently above the national level of child poverty (above 22%)
- And the red shaded areas are the areas with the highest levels in the county, where at least 1 in 3 children are living in low-income households.

Income Deprivation Affecting Older People

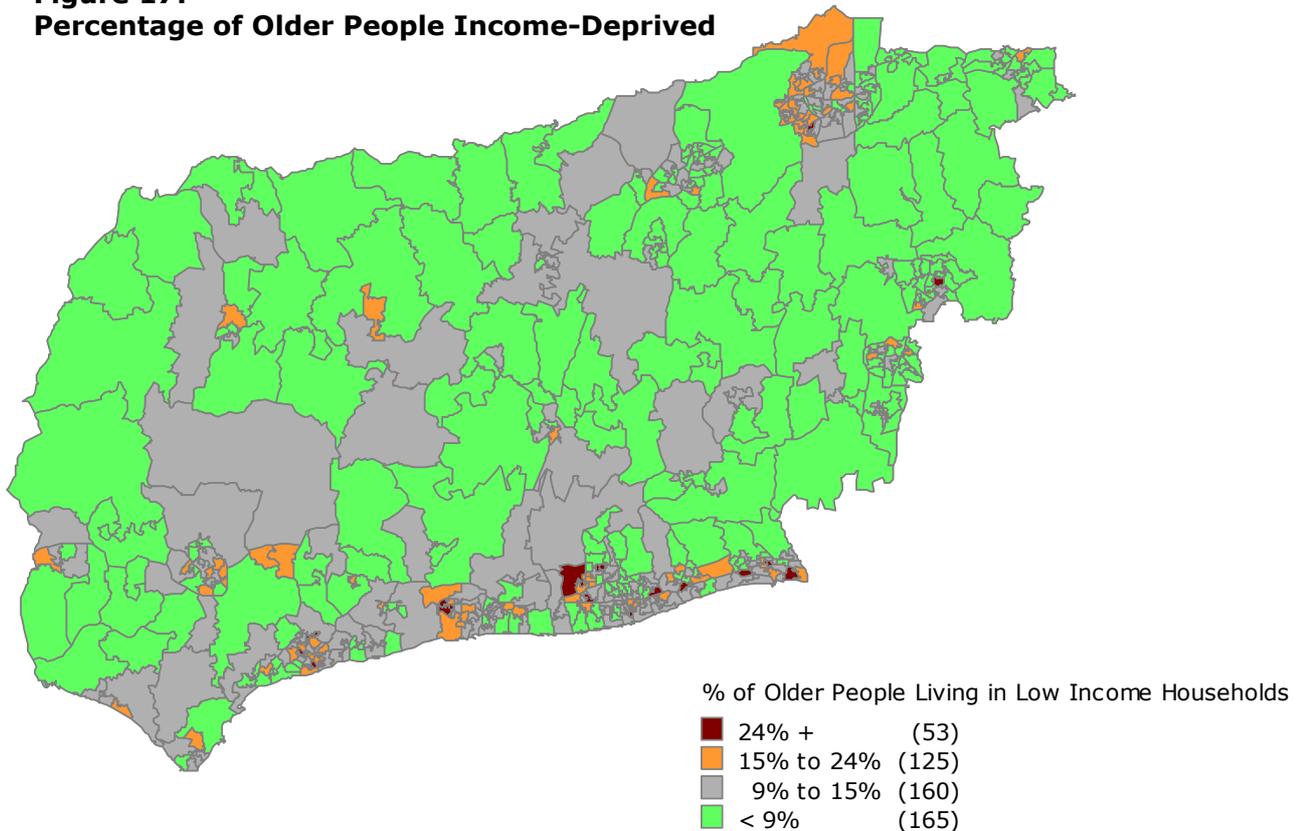
(Ward level data provided in Appendix 5)

This sub domain measures the number of older people who live in households where the household income is 60% or below median income.

Overall approximately 12% of older people (23,000) in West Sussex are living in low income households. There is considerable variation across West Sussex, with over 15% of older people in Adur and Crawley living in low income households, and less than 10% in Horsham and Mid Sussex.

	% of Older People in Low- Income Households ID2004	% of Older People in Low-Income Households ID2007	% of Older People in Low- Income Households ID2010
Adur	10.9	14.9	15.1
Arun	10.3	12.9	13.4
Chichester	9.0	11.2	11.1
Crawley	10.7	13.9	15.2
Horsham	7.3	9.6	8.9
Mid Sussex	8.1	9.6	9.0
Worthing	11.6	14.1	14.3

Figure 17:
Percentage of Older People Income-Deprived



Employment Deprivation

Figure 18 shows the percentage of working-age people who are “employment deprived”; this means they are not working and are on benefits - this includes people of working age on sickness benefits. Employment deprivation ranges from 2% in an area of Holbrook East ward in Horsham to 22% in an area of River ward in Littlehampton.

Figure 18:
Percentage of People Employment Deprived

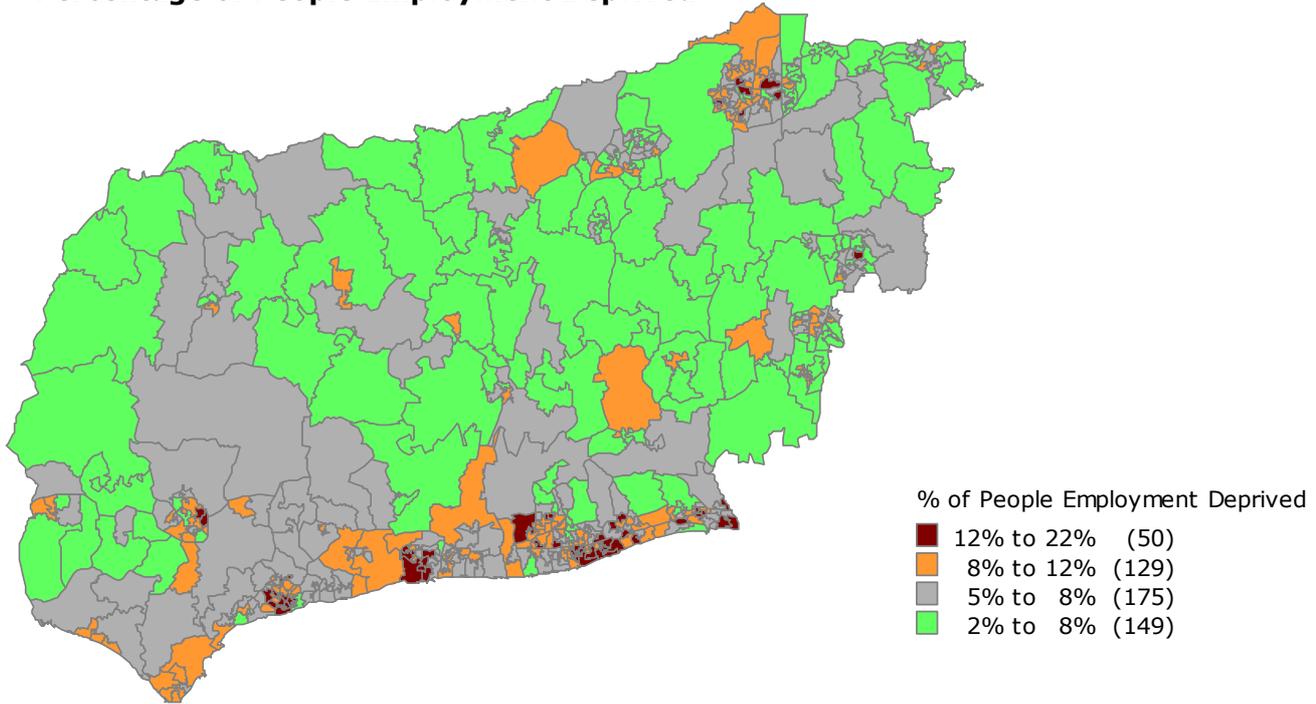
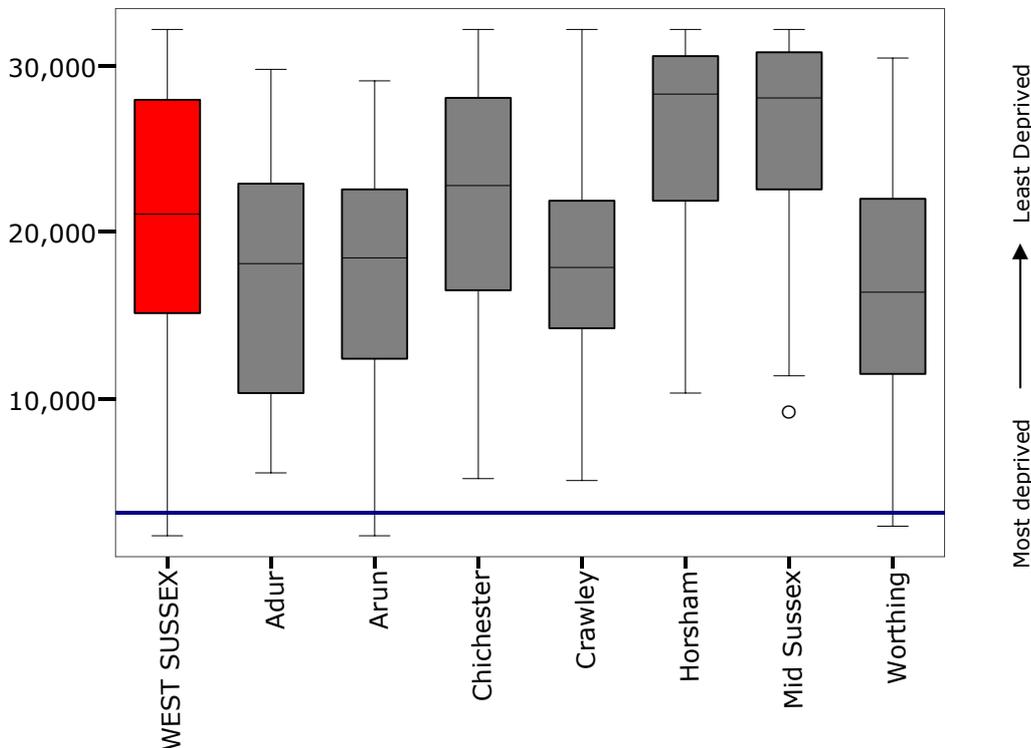


Figure 19 below shows that the boxes are generally shorter in the employment domain, indicating that there is less variation from the district average; though there are still some LSOAs within the 10% most deprived nationally. The outlier in Mid-Sussex is located in Haywards Heath Bentswood.

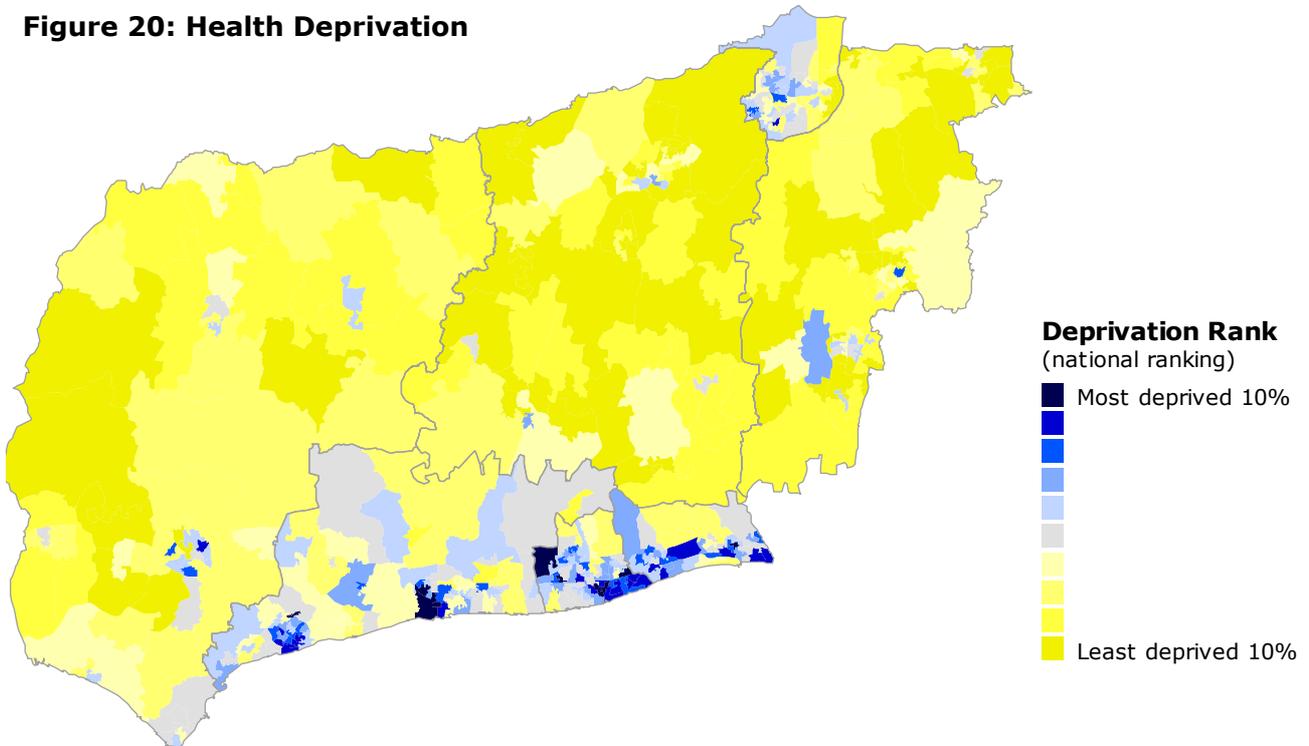
Figure 19 : Spread of Employment Deprivation



Health and Disability

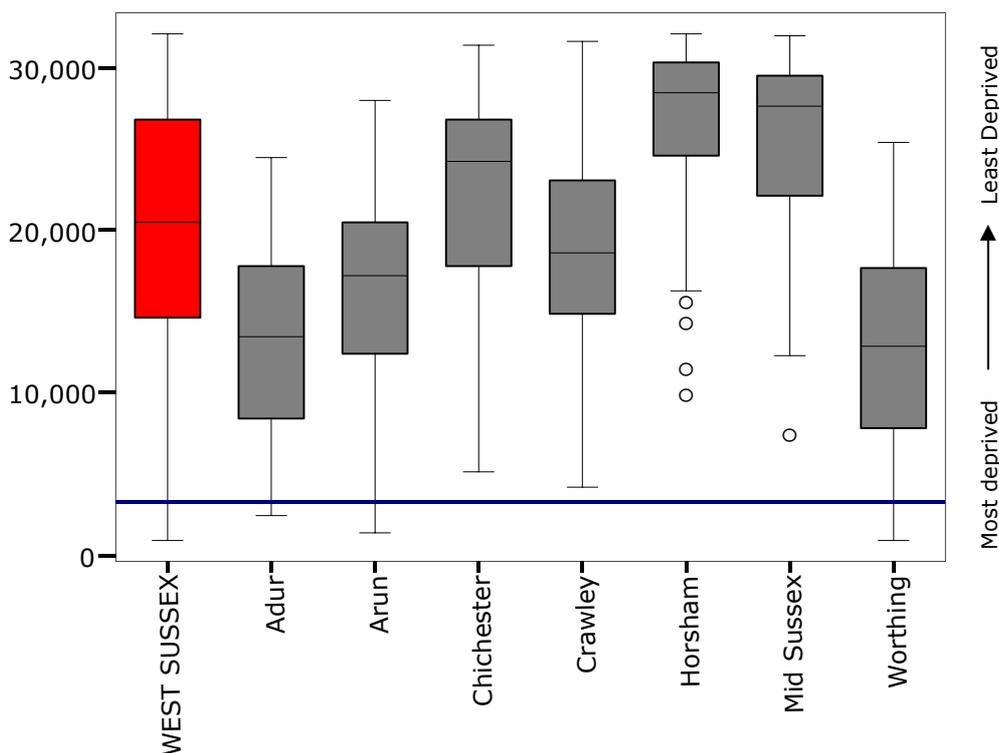
Figure 20 shows that, in relation to health and disability, there are some small areas of West Sussex which rank in the 10% most deprived areas in England.

Figure 20: Health Deprivation



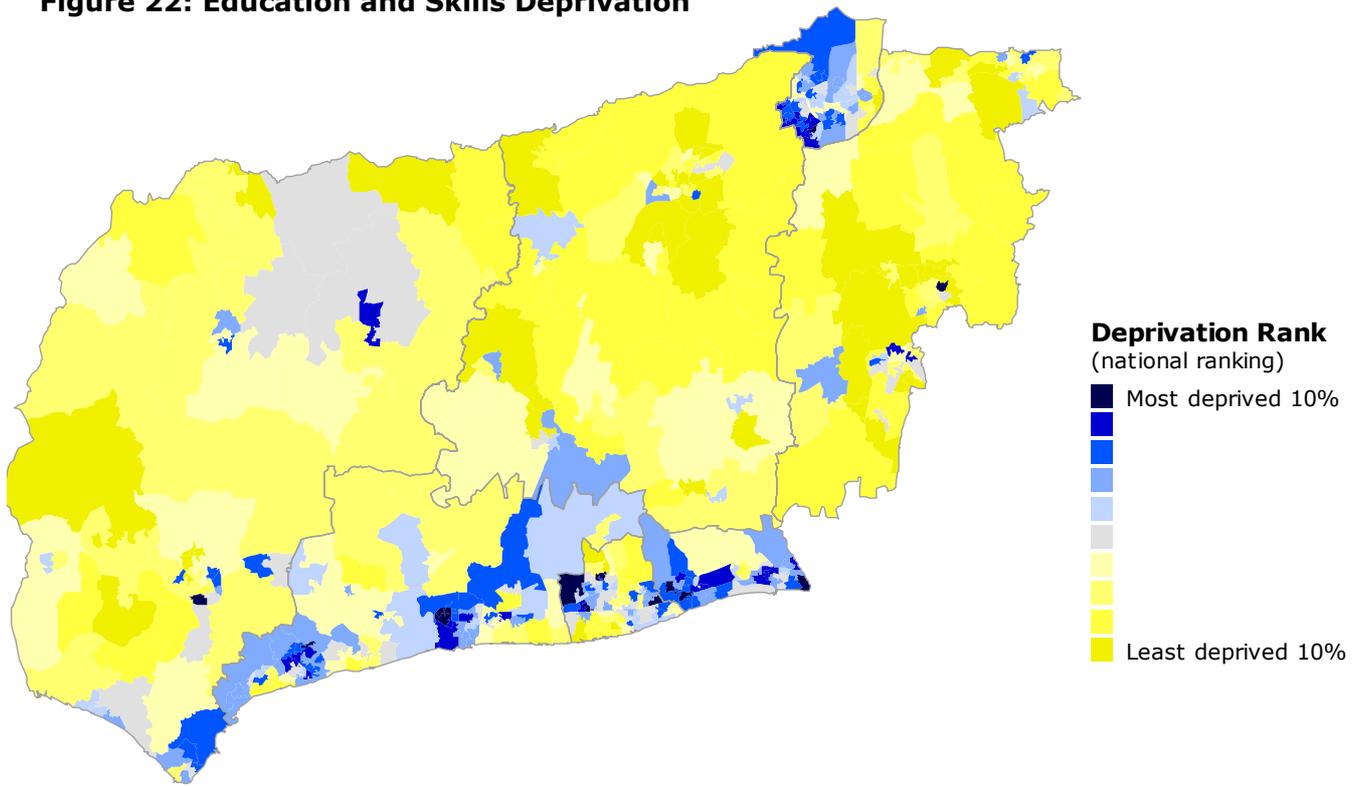
The LA averages in the Health and Disability domain are variable; Adur and Worthing have comparatively low averages whereas Horsham and Mid Sussex are among the highest in the country. Two of the outliers in Horsham are located in Horsham Park Ward, the one in Mid Sussex is in Haywards Heath Bentswood.

Figure 21: Spread of Health and Disability Deprivation



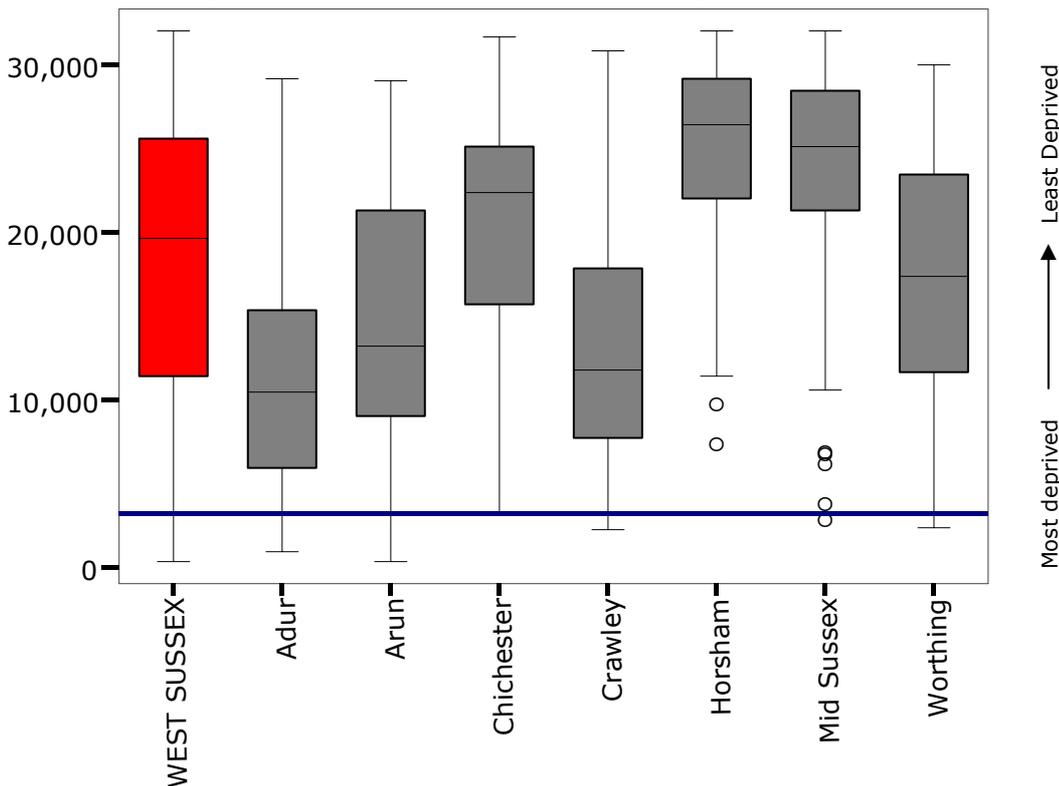
Education and Skills

Figure 22: Education and Skills Deprivation



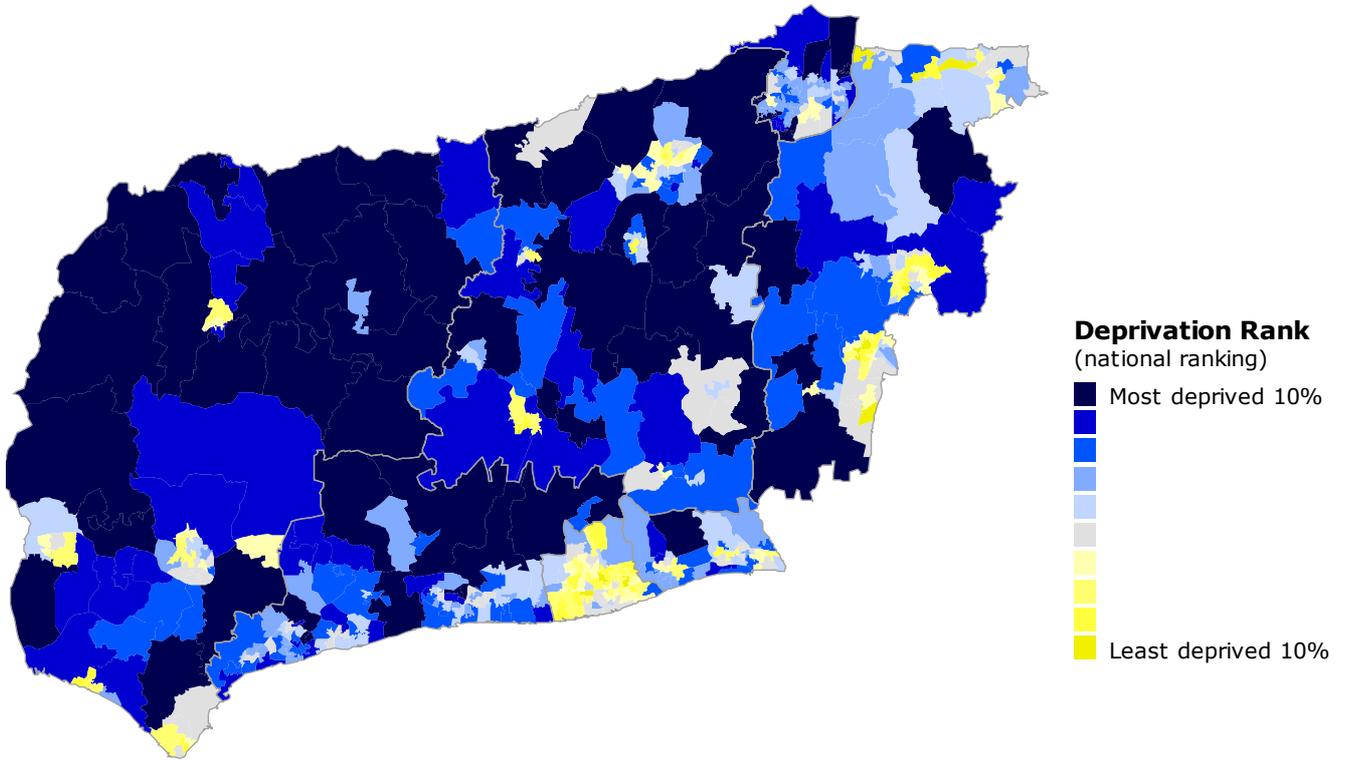
As with Health and Disability, this domain shows considerable differences across West Sussex, of note Adur, Arun and Crawley have far lower medians than other local authority areas (see Figure 23 below); as with Health this indicates considerable inequalities in educational outcomes in West Sussex.

Figure 23 : Spread of Education and Skills Deprivation



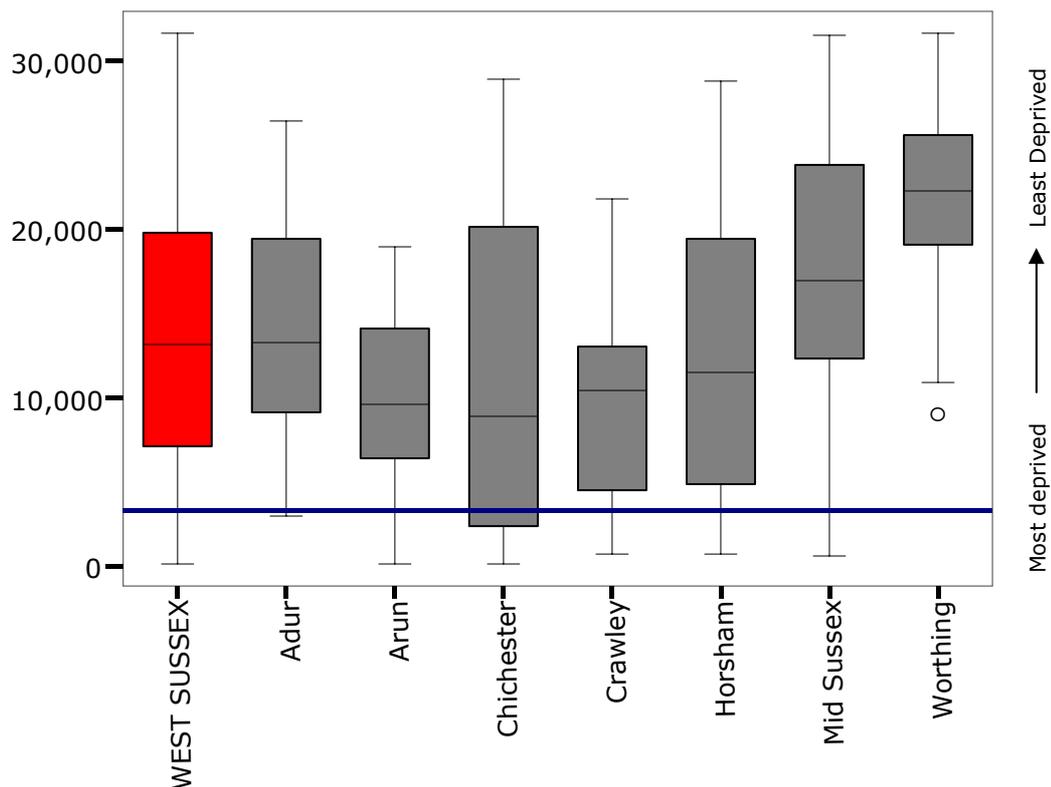
Barriers to Housing and Services

Figure 24: Barriers to Housing and Services



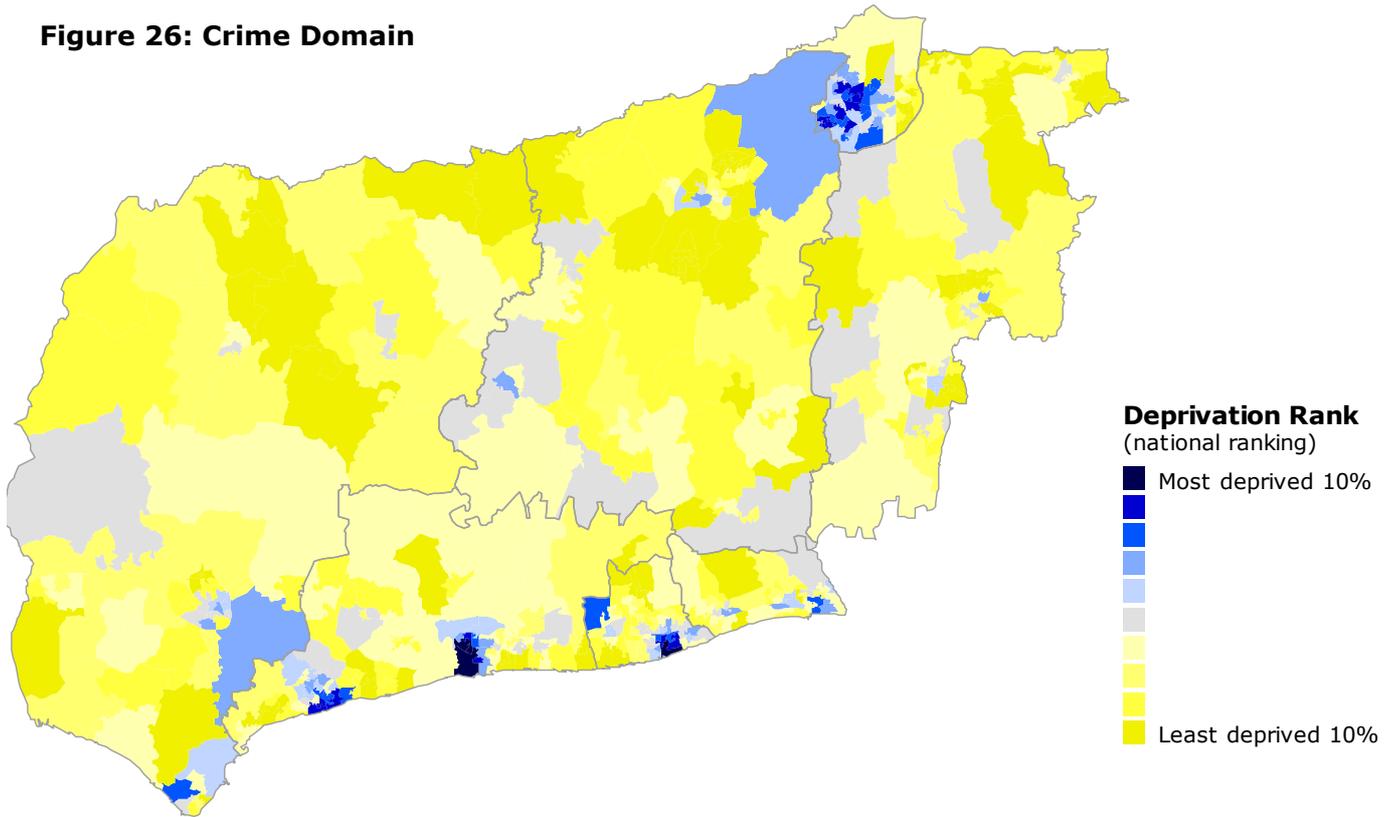
This domain displays a very different picture in West Sussex compared to other domains, with large areas of the county being in the most deprived 10% or 20% in the country. Indicators used in this domain include the geographic distance to services including GPs, schools and shops.

Figure 25: Spread of Barriers to Housing and Services Deprivation



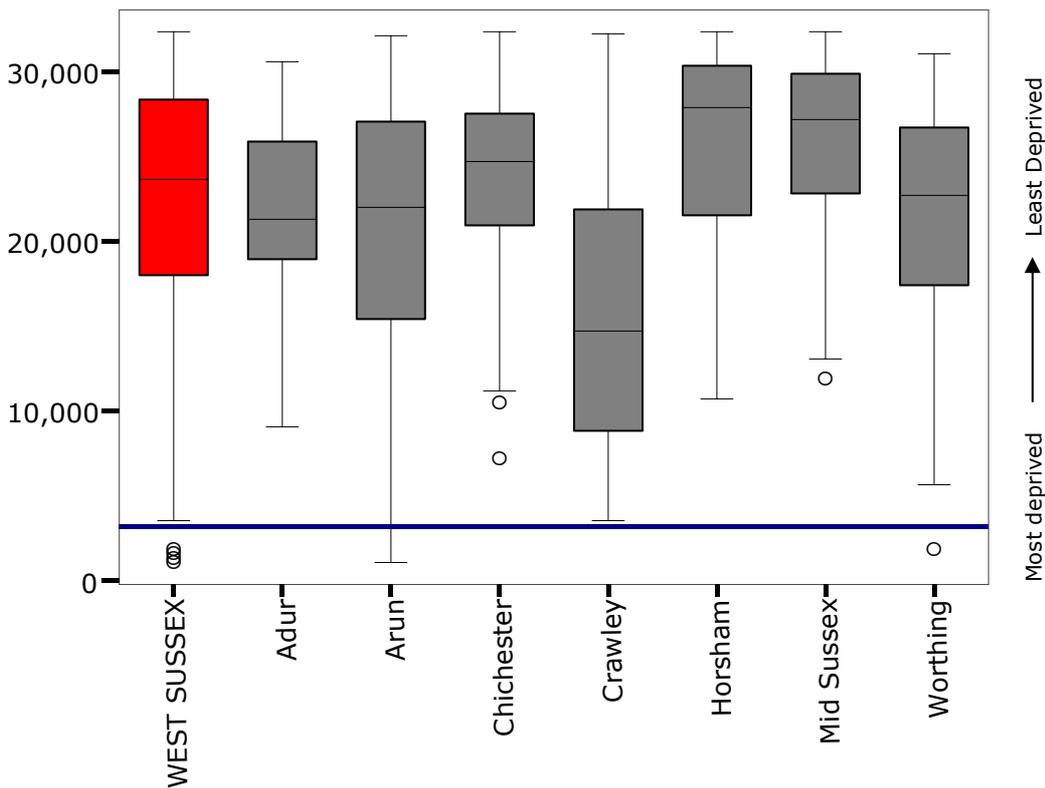
Crime

Figure 26: Crime Domain



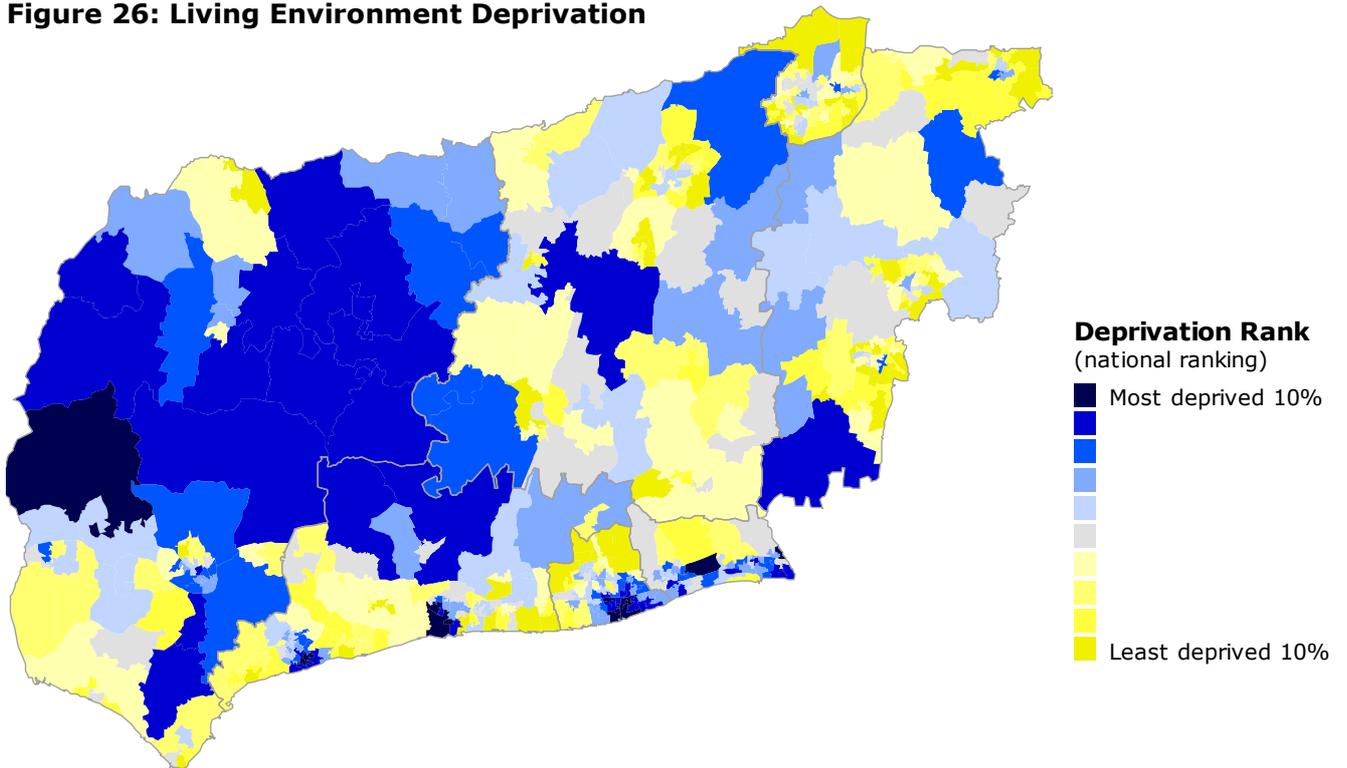
This domain shows some authorities with little difference *within* their areas (notably Adur, Chichester and Mid Sussex). Crawley has a far lower median than other authorities on this domain. The outliers tend to relate to town centres with higher levels of recorded crime.

Figure 26: Spread of LSOAs in the Crime Domain



Living Environment

Figure 26: Living Environment Deprivation



Living environment deprivation incorporates indicators relating to indoor environment including housing condition (notably housing without central heating) and outdoor environment (air quality and road traffic accidents). There are some very low ranked areas within Arun and Worthing on this domain.

Figure 27: Spread of Living Environment Deprivation

