

# ENGLISH INDICES OF MULTIPLE DEPRIVATION 2019

## DISTRICT LEVEL REPORTS

## SUMMARY REPORT FOR EAST CAMBRIDGESHIRE

VERSION 1.0  
NOVEMBER 2019

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Document Details	
Title:	English Indices of Multiple Deprivation 2019: District Level reports, Summary Report for Peterborough
Date Created:	19/11/2019
Description:	<p>The Ministry of Housing, Communities &amp; Local Government (MHCLG) has released the English Indices of Deprivation 2019 (ID 2019). The indices are combined into the composite Index of Multiple Deprivation 2019 (IMD 2019).</p> <p>This document will explore the IMD data for East Cambridgeshire and compare the differences in national and local ranks and deciles from IMD 2015 to IMD 2019. Whilst historical datasets can be compared, there are caveats.</p>
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On behalf of:	The document has been produced by the CRG, on behalf of Cambridgeshire County Council.
Geographic Coverage:	England and Cambridgeshire
Time Period:	Data released September 2019
Format:	pdf
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# Indices of Multiple Deprivation 2019: East Cambridgeshire Summary Briefing

## Background

The Index of Multiple Deprivation 2019 (IMD 2019) is the official measure of relative deprivation for small area geographies called Lower-layer Super Output Areas (LSOAs), in England. Lower Layer Super Output Areas are a geographic hierarchy designed to improve the reporting of small area statistics in England and Wales. The Minimum population of an LSOA is 1,000 and the mean is 1,500. There is a total of 32,844 LSOAs nationally.

For more information, please refer to the **Cambridgeshire and Peterborough IMD 2019 Summary Document**, produced by Cambridgeshire County Council Business Intelligence. This document is available at <https://cambridgeshireinsight.org.uk/wp-content/uploads/2019/10/Cambridgeshire-Summary-Report-for-IMD-2019-1.0.pdf>. The data is compiled by the Ministry of Housing, Communities and Local Government (MHCLG) and can be accessed, alongside a range of other resources including a full technical report that outlines how each of the domains are calculated here: <https://www.gov.uk/government/statistics/english-indices-of-deprivation-2019>

The Indices is made up of 7 key domains including: **Income, Employment, Health Deprivation & Disability, Education, Skills & Training, Crime, Barriers to Housing & Services and Living Environment**.

## Key Findings

- East Cambridgeshire is ranked as the **second least deprived** of the five districts across Cambridgeshire for overall Indices of Multiple Deprivation (IMD Score)
- There are **3 LSOAs** in the top 30% most deprived in Cambridgeshire and Peterborough, and **none in the 0-20% most deprived nationally or when comparing across Cambridgeshire and Peterborough**.
- There are 7 LSOAs in the district that are in the top 10% least deprived nationally.
- The **Barriers to Housing & Services** domain ranks the lowest (most deprived) out of the domains in East Cambridgeshire when ranked against all other local authorities nationally (**46/317**).
- The **Health Deprivation & Disability** domain ranks the highest (least deprived) in the Local Authority rankings (**288/317**), closely followed by the Crime domain (**286/317**).
- Only 2 LSOAs across the district have been ranked as more deprived since 2015. These were in **Stretham** and **Burwell** ward.
- There is very little difference between the deprivation domain scores when comparing the urban and rural classified LSOAs in East Cambridgeshire.
- Both the Income Deprivation Affective Children Index and Income Deprivation Affecting Older People Index sub-domains show lower levels of relative deprivation in East Cambridgeshire.

## District Overall Context

The national rank order of Cambridgeshire and Peterborough districts in terms of relative deprivation has changed since 2015.

## National Ranking

East Cambridgeshire is **ranked 272 of 317 local authorities nationally, based on Local Authority Score, where 1 is most deprived**. This means that East Cambridgeshire is the 45<sup>th</sup> least deprived of the 317 English Local Authorities nationally. This compares to South Cambridgeshire which is 301 (16<sup>th</sup> least deprived), Cambridge City which is 210 (107 least deprived), and Fenland and Peterborough that rank 80<sup>th</sup> and 51<sup>st</sup> respectively (237 and 266 out of 317).

East Cambridgeshire has become relatively less deprived since the IMD 2015 as it previously ranked at 254/317 (the 63<sup>rd</sup> least deprived of the English Local Authorities).

## Local Ranking

East Cambridgeshire ranks as the second least deprived area in the Cambridgeshire and Peterborough area. **Peterborough is still ranked as the most relatively deprived, then Fenland, then Cambridge**. Huntingdonshire is now the third least relatively deprived, switching places with East Cambridgeshire which is now the second least relatively deprived. South Cambridgeshire is still the least relatively deprived in Cambridgeshire and Peterborough. The ranking order is:

<b>Least deprived</b> – South Cambridgeshire
East Cambridgeshire
Huntingdonshire
Cambridge City
Fenland
<b>Most Deprived</b> - Peterborough

## Domain Rankings

The individual domain rankings present an absolute value for the lowest ranked and highest ranked domains in the district. The ranks are based on comparisons between all of the local authority nationally, there are 317 local authorities.

The table below shows the deprivation domains for East Cambridgeshire by rank (out of 317 nationally) where the lower the rank the more deprived the domain (1 is the most deprived) is compared to other local authorities nationally:

Domain		National Local Authority Rank / 317
Income		259
Employment		274
Education, Skills and Training		195
Health Deprivation and Disability		288
Living Environment		216
Crime		286
Barriers to Housing and Services		46
Income Sub-domains	IDACI (Income Deprivation affecting children)	278
	IDAOP (Income Deprivation affecting Older People)	211

In East Cambridgeshire, Barrier to Housing and Services ranks significantly lower than the other domains, ranking over 100 less than the next domain (Education, Skills and Training), showing it is the most deprived domain by rank. Health Deprivation and Disability is the highest ranking domain in East Cambridgeshire, closely followed by Crime domain.

## Analysis of individual deprivation domains across East Cambridgeshire by decile average

*In the rest of this report the average decile is used. This is the decile of each LSOA combined and averaged to give an overall score for the district. This is to help identify the domains that have a much higher or lower level of deprivation, and give a more broad overview of the district/city as a whole, rather than the absolute 'most' and 'least' deprived domains.*

East Cambridgeshire is scored as least deprived in terms of Health Deprivation & Disability and Crime domains when comparing the overall scoring across each of the 7 domains of deprivation. For the Health domain in particular, 42% of LSOAs are in the 10% least deprived across nationally. Barriers to Housing & Services ranked the lowest (more deprived) in East Cambridgeshire, with 76% of LSOAs being located in the more deprived deciles (1-5).

Figure 1 goes a step further with this analysis by breaking down the East Cambridgeshire **LSOA national decile distribution** by individual domain.

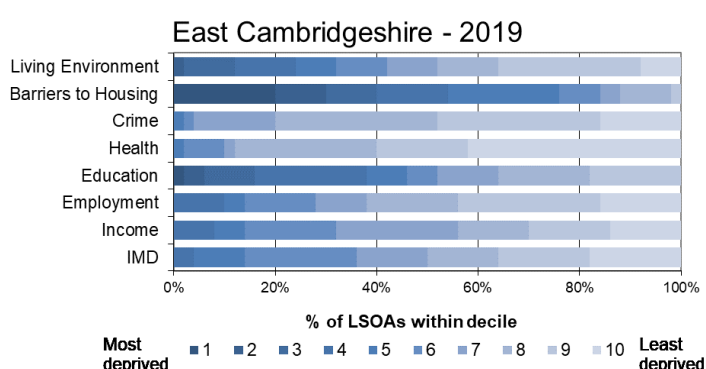


Figure 1: East Cambridgeshire LSOA national decile distribution by individual domain.

### Highest scoring domains (least deprived):

In East Cambridgeshire, the Health Deprivation & Disability domain has the highest average score (see graph on Fig 2).

### Lowest scoring domains (more deprived):

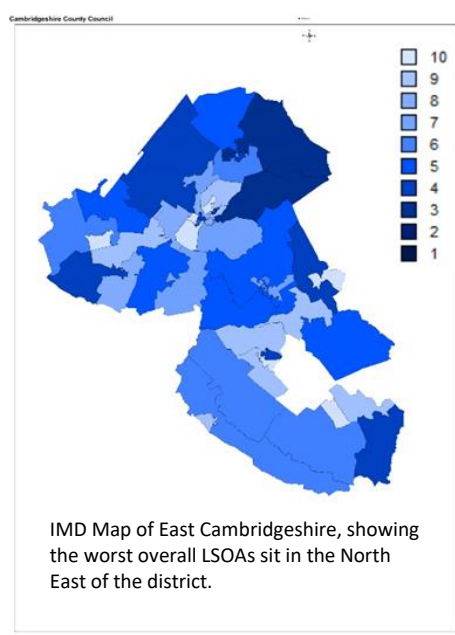
However, East Cambridgeshire the Education, Skills & Training has the lowest average score.

Domain	Average Decile
IMD	8
Income	7
Employment	8
Education, Skills and Training	6
Health Deprivation and Disability	9
Crime	8
Barriers to Housing and Services	4
Living Environment	7

Table showing national average decile by domain (where 1 is most deprived).

## Analysis of individual Lower Super Output Areas (LSOA) across East Cambridgeshire

The tables below show the National and Local Decile Rank for the IMD in the most deprived and least deprived LSOAs in East Cambridgeshire. **There are no LSOAs within the bottom 3 most deprived deciles on the national IMD,**



and only 3 in the local IMD ranking. This is particularly good, showing that **East Cambridgeshire has no LSOAs in the top 20% most deprived areas nationally or locally.** There are substantially more LSOAs in the top 3 least deprived areas, and 7 in the 10<sup>th</sup> decile, or the least deprived decile, both nationally and locally.

### Lowest scoring LSOAs (more deprived):

2011 LSOA Name	2018 Ward Name	IMD 2019: National Decile Rank (where 1 is most deprived)	IMD 2019: Local Decile Rank (where 1 is most deprived)
East Cambridgeshire 003G	Ely North	4	3
East Cambridgeshire 001C	Littleport East	4	3
East Cambridgeshire 001E	Littleport West	5	3

### Highest scoring LSOAs (least deprived):

2011 LSOA Name	2018 Ward Name	IMD 2019: National Decile Rank (where 1 is most deprived)	IMD 2019: Local Decile Rank (where 1 is most deprived)
East Cambridgeshire 008B	Burwell	10	10
East Cambridgeshire 003F	Ely North	10	10
East Cambridgeshire 002D	Sutton	10	10
East Cambridgeshire 004G	Ely South	10	10
East Cambridgeshire 011B	Cheveley	10	10
East Cambridgeshire 004F	Ely South	10	10
East Cambridgeshire 007C	Isleham	10	10

Figure 3; Map of IMD deciles in East Cambridgeshire

### Lowest scoring LSOAs (more deprived):

In general, the north-east of the district is ranked as most deprived. LSOAs East Cambridgeshire **001C** (Littleport East), and East Cambridgeshire **003G** (Ely North) are scored as having the highest overall levels of deprivation in the district on the local IMD deciles (3).

### Highest scoring LSOAs (least deprived):

In comparison, E.Cambs **002D** (Sutton), **003F** (Ely North), **004F** (Ely South), **004G** (Ely South), **007C** (Isleham), **008B** (Burwell), and **011B** (Cheveley) rank the highest on the local IMD deciles (10).

### LSOA Changes in rank from IMD 2015

The maps below (page 6) show that substantial changes in the overall IMD deciles in East Cambridgeshire have occurred from 2015 to 2019. Some LSOAs in particular, **004A** and **001E** have moved towards being less deprived. Only one LSOA has become more deprived over this time period, **008D** which has become more deprived in the **Education, Skills and Training** and **Health Deprivation and Disability** domains.

The charts below visualise the change in decile of LSOAs by district/Unitary between IMD 2019 and IMD 2015. Four out of the six districts have additional LSOAs in the more deprived deciles (1 - 5) compared to IMD 2015.

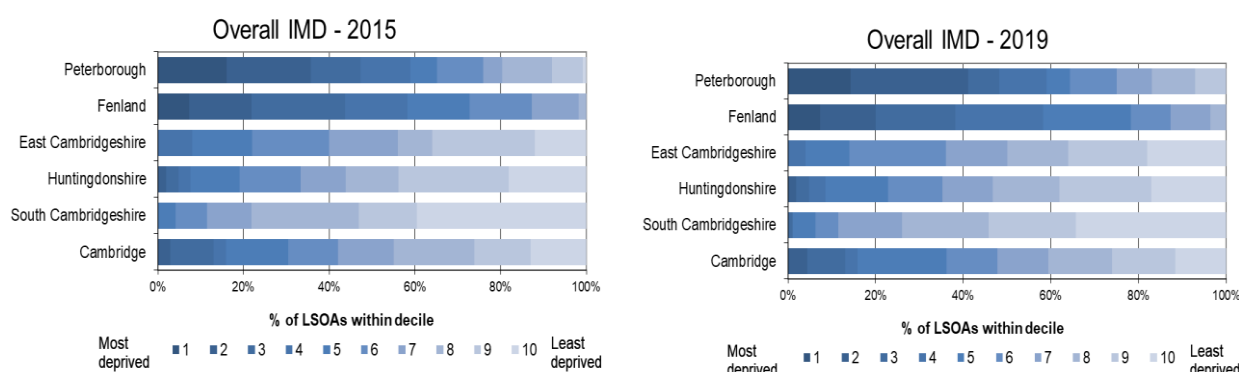


Figure 4 Graphs showing the change in decile rank in the districts between 2015 and 2019

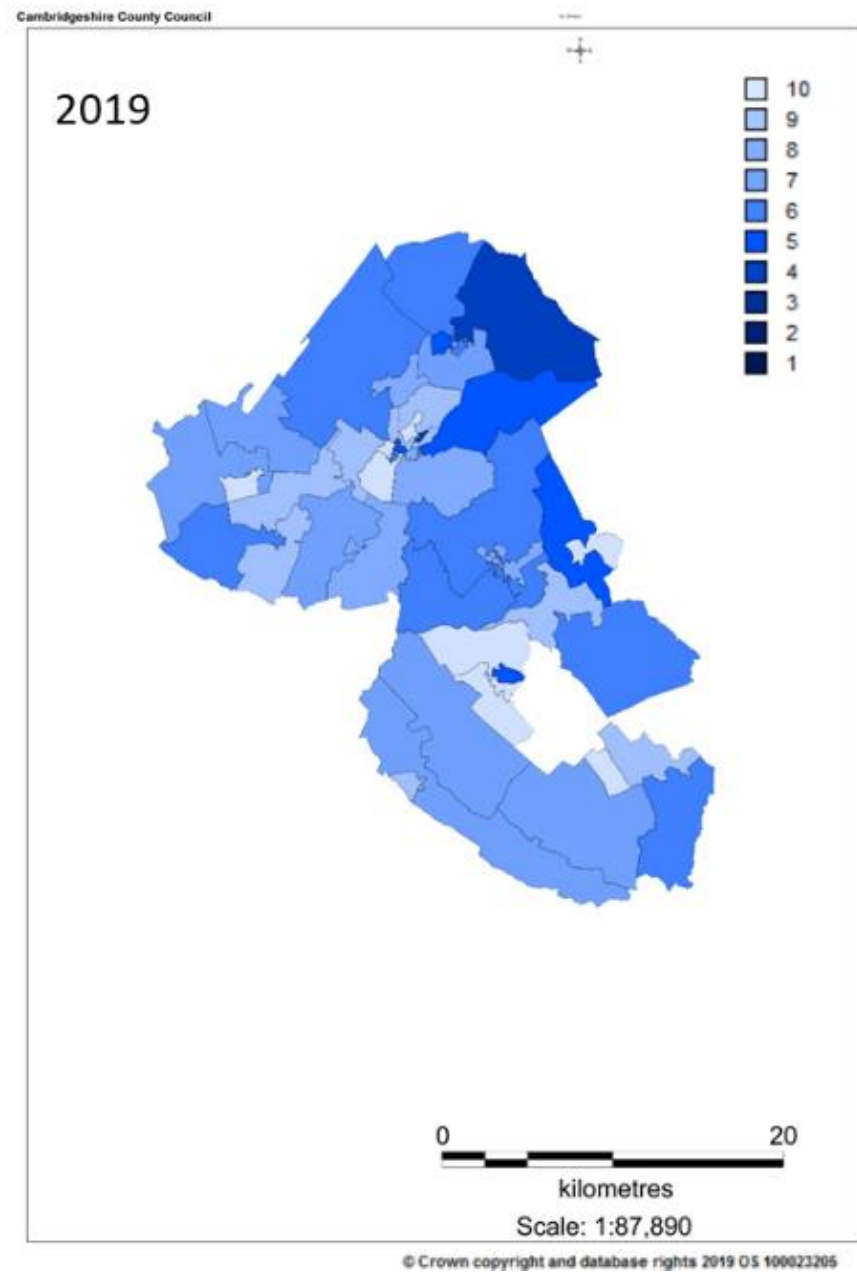
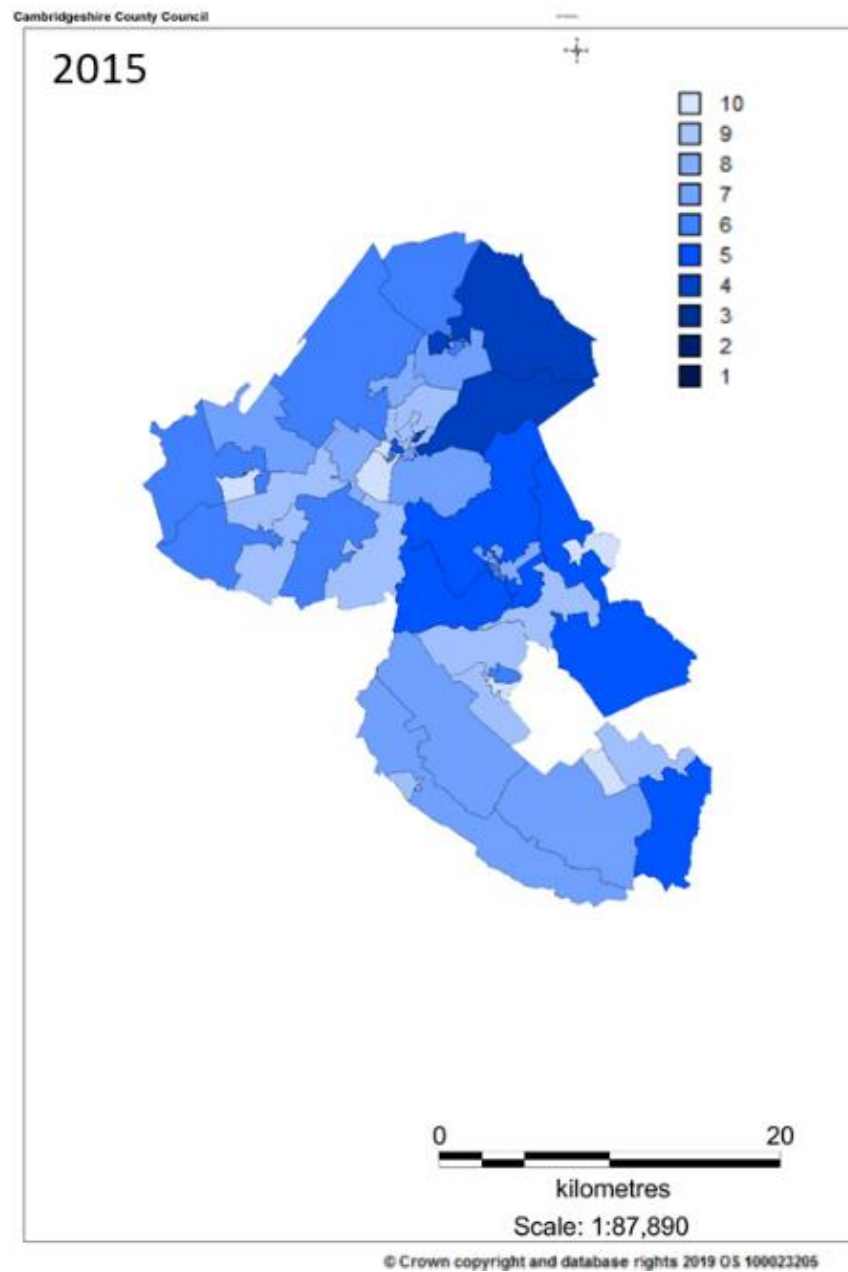


Figure 5; Maps of the IMD deciles in 2015 and 2019

## Analysis of overall deprivation across East Cambridgeshire wards

The below table shows the average ward decile rank both locally and nationally. Please note that LSOA and Wards are not coterminous, and therefore a best fit look up has been used. Please note: Ward boundaries are taken from the 2018 Ward boundaries. Minor changes have occurred between 2018 and 2019 boundaries which are not shown on these maps.

In general, the wards in the north-east of East Cambridge district are the most deprived. Average IMD deciles show that all the wards are with the top half of the deciles, from 6-9.

### Lowest scoring LSOAs (more deprived):

Ward	National IMD (where 1 is most deprived)	Local IMD (where 1 is most deprived)
Bottisham	8	8
Burwell	9	8
Cheveley	8	8
Downham Villages	7	5
Dullingham Villages	7	6
Ely East	7	6
Ely North	8	8
Ely South	9	8
Ely West	7	6
Fordham Villages	8	7
Haddenham	8	7
Isleham	8	7
Littleport East	6	4
Littleport West	6	4
Soham North	7	6
Soham South	7	6
Stretham	8	6
Sutton	9	8
The Swaffhams	7	6

Figure 6; Table of wards in East Cambridgeshire by Local and National IMD.

**Littleport East and Littleport West** wards are ranked as the most deprived wards in the district, particularly on the local IMD, being in the 4<sup>th</sup> decile (where 1 is the most deprived). Please note that in 2019, these wards merged to be Littleport Ward.

### Highest scoring Wards (least deprived):

**Burwell, Ely South and Sutton** are ranked as the least deprived wards.

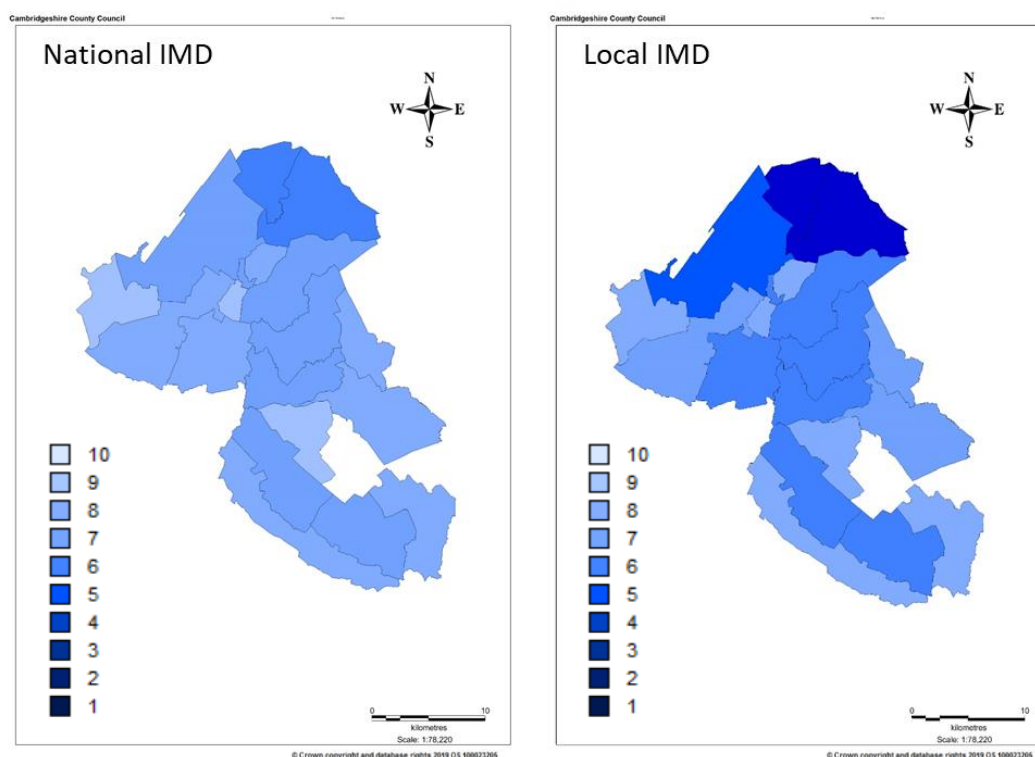


Figure 7; Map of the National IMD and Local IMD by ward in East Cambridgeshire



## Analysis of Income Deprivation Affecting Children Index (IDACI) and Income Deprivation Affecting Older People Index (IDAOPI) across East Cambridgeshire

IDACI and IDAOPI deciles in East Cambridgeshire relatively. The below table shows national IDACI and IDAOPI deciles in East Cambridgeshire. IDACI and IDAOPI are supplementary indices in the Income domain, addressing the income deprivation affecting children (IDACI) and the Income Deprivation Affecting Older People (IDAOPI).

Domain	Average Decile
IDACI	7
IDAOPI	7

Table showing national average decile (where 1 is most deprived).

### Income Deprivation Affecting Children Index (IDACI)

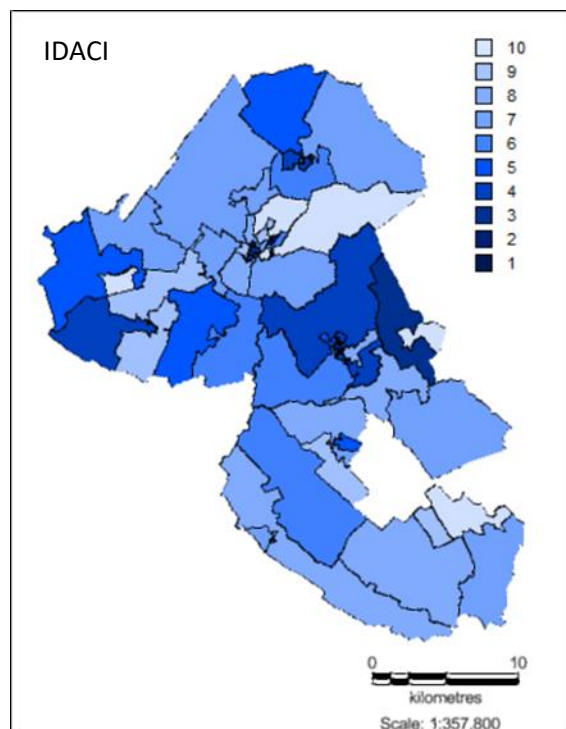


Figure 8 Map of the IDACI LSOAs in East Cambridgeshire

There are 3 LSOAs that are particularly deprived in the IDACI domain: Two of the three LSOAs are located in the main urban areas of the

LSOA	National IDACI decile (Where 1 is the most deprived?)
East Cambridgeshire 003G	3
East Cambridgeshire 007D	4
East Cambridgeshire 003E	4

district. This suggests that the hotspots of income deprivation are located in the most built up areas of the district.

**28/50** of the LSOAs in East Cambridge are in the 3 least deprived national IMD deciles (8-10).

**1/50** of the LSOAs in East Cambridgeshire are in the 3 most deprived national IMD deciles (1-3).

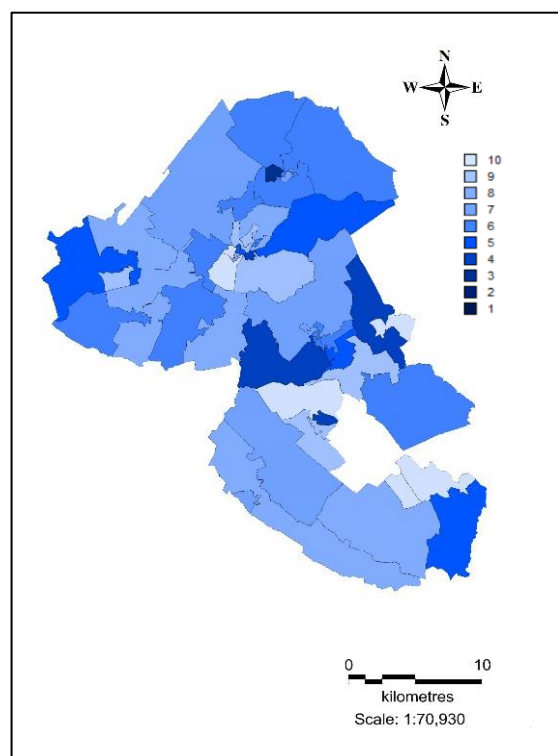


Figure 9 Map of the IDAOPI LSOAs in East Cambridgeshire

### Income Deprivation Affecting Older People Index (IDAOPI)

The LSOAs that are most deprived are: These are different from the most deprived IDACI LSOAs, apart from **East Cambridgeshire 007D**, in **Isleham**.

LSOA	National IDAOPI decile (Where 1 is the most deprived?)
East Cambridgeshire 001E	3
East Cambridgeshire 008D	4
East Cambridgeshire 004B	4
East Cambridgeshire 007D	4
East Cambridgeshire 006C	4

**22/50** of the East Cambridgeshire are in the 3 least deprived deciles (8-10).

**1/50** of the East Cambridgeshire LSOAs are in the 3 most deprived deciles (8-10).



## Analysis of the differences between Urban and Rural areas by IMD domain in East Cambridgeshire

	Index of Multiple Deprivation (IMD) Decile		Income Decile		Employment Decile		Education, Skills and Training Decile		Health Deprivation and Disability Decile		Crime Decile		Barriers to Housing and Services Decile		Living Environment Decile		IDACI
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
Cambridge City	6	n/a	7	n/a	7	n/a	7	n/a	7	n/a	4	n/a	5	n/a	4	n/a	6
East Cambridgeshire	8	7	7	7	8	8	7	6	8	9	9	8	4	4	7	7	8
Fenland	4	5	4	5	4	5	3	3	3	4	5	7	5	4	6	7	4
Huntingdonshire	7	8	7	8	7	8	5	6	7	8	7	7	5	5	7	6	7
Peterborough	4	7	4	7	4	7	4	7	4	6	3	6	4	4	6	5	4
South Cambridgeshire	9	8	8	8	8	8	8	8	9	9	8	8	5	4	8	7	8

Figure 10 Table showing Urban and Rural Average deciles for each IMD domain – where 1 is the most deprived (LSOA in the 10% decile).

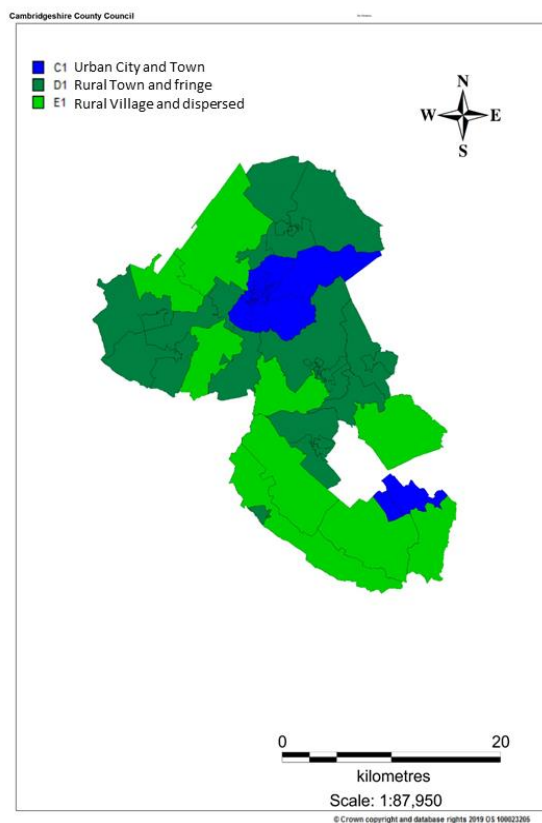
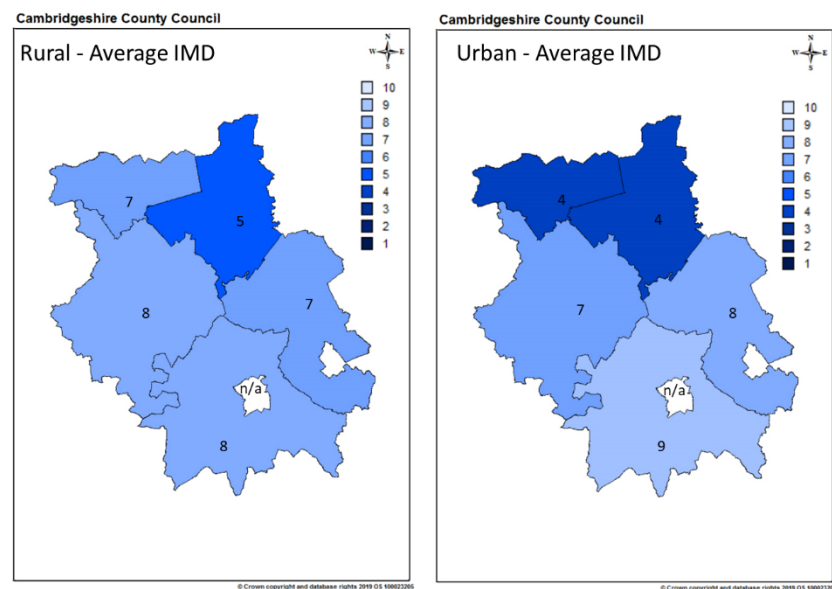


Figure 11 Map of the Urban and Rural LSOAs in East Cambridgeshire

In East Cambridgeshire, unlike other districts, the divide between urban and rural is relatively small, within the range of 1 decile. The rural LSOAs are only less deprived than the urban LSOAs in the Health Deprivation & Disability domain. In all other domains, urban LSOAs are less deprived or the same as the rural ones. Both urban and rural LSOAs are most deprived in the Barriers to Housing & Services (4th most deprived decile).

Other districts have much greater divides between the rural and urban LSOAs.



## Ministry of Housing, Communities & Local Governments

Below is a screenshot of the MHCLG dashboard.

The MHCLG uses rank between all the Local Authorities for its interpretation.

The average decile is ranked against all the 317 local authorities.

For more information see:

<https://app.powerbi.com/view?r=eyJrIjoiaOTdjYzlyNTMtMTcxNi00YmQ2LW11YzgtMTUyYzYxMzQ2ODUwLTljN2Q0NDkZS1hODcyLTl0YTJlZjM5OTVhOCJ9>

