

ENGLISH INDICES OF MULTIPLE DEPRIVATION 2019

DISTRICT LEVEL REPORTS

SUMMARY REPORT FOR PETERBOROUGH

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 & 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 Peterborough 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 November 2019
Format:	pdf
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Indices of Multiple Deprivation 2019: Peterborough 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

- Peterborough is the most deprived local authority in the Cambridgeshire and Peterborough area.
- The **Barriers to Housing & Service and Health Deprivation & Disability and Crime domains** are, on average, Peterborough's lowest scoring (most deprived) domains when comparing across all domains.
- The **Living Environment** domain is, on average, Peterborough's highest scoring domains (least deprived)
- Peterborough has 6 LSOAs that have moved into the 20% most deprived nationally or locally since 2015.
- There is a large difference between the deprivation domain scores when comparing the urban and rural classified LSOAs in Peterborough. This is not the case across some of the other districts in Cambridgeshire. There is variation between the urban and rural LSOAs in Peterborough with the Income, Employment and Education, Skills and Training domains showing the greatest variation.
- Within Peterborough, income deprivation affecting older people (IDAOPI) is less prevalent than that with children (IDACI), but only by one decile rank (IDAOPI =4, IDACI = 3 where 1 is the most deprived).
- 2 LSOAs have become more deprived by 2 deciles since 2015, Peterborough 015A (West) (9th → 7th) & Peterborough 023C (Hampton Vale) (5th → 3rd).

District Overall Context

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

National Ranking

Peterborough is ranked 51/317 of all local authorities nationally, by local authority score, where 1 is most deprived (Meaning Peterborough is the 266th least deprived district out of the 317 English Local Authorities). This compares to South Cambridgeshire which is 301 (16th least deprived), East Cambridgeshire which is 272/317 (45th least deprived), and Cambridge and Fenland that rank 210th and 237th respectively (117th and 80th respectively). Peterborough ranked as relative more deprived than in the IMD 2015 when it ranked at 58/317 (the 259th least deprived of the English Local Authorities).

Local Ranking

Peterborough ranks as the most deprived local authority in the Cambridgeshire and Peterborough area. **Peterborough is still ranked as the most relatively deprived, then Fenland, then Cambridge.** Huntingdonshire is now the third most 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:

Least deprived – South Cambridgeshire
East Cambridgeshire
Huntingdonshire
Cambridge City
Fenland
Most Deprived - Peterborough

Analysis of individual deprivation domains across Peterborough

Figure 1, below, shows both the national and local district average deciles over the Peterborough LSOAs, broken down by each of the individual domain. The domains are ranked relative to Peterborough, rather than national ranking.

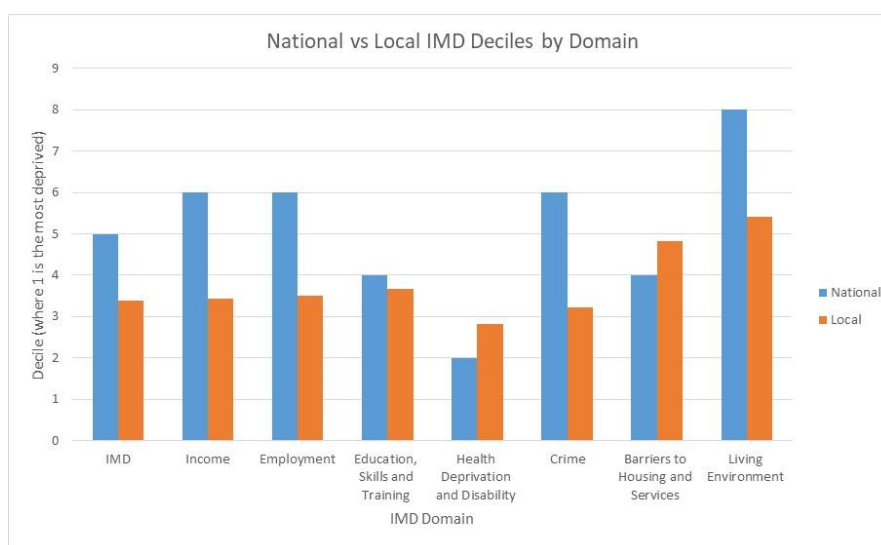


Figure 1: A breakdown of Peterborough average local and national decile rank by individual domain

The graph shows the percentage of LSOAs within each decile over Peterborough.

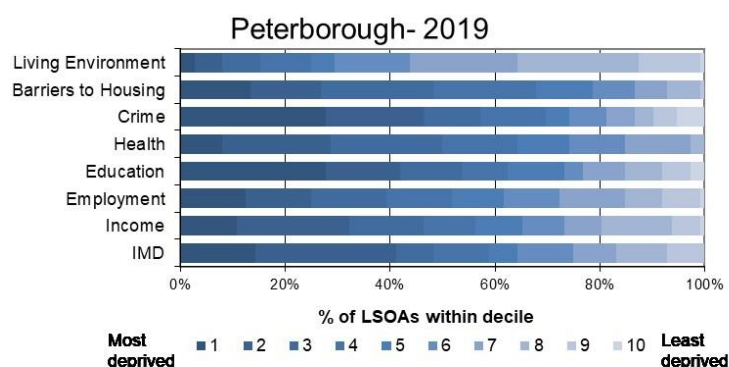


Figure 2: Peterborough LSOA national decile distribution by individual domain.

Highest scoring domains (least deprived):

In Peterborough, the highest scoring (least deprived) domain is Living Environment

Lowest scoring domains (more deprived):

However, Peterborough scores lower, on average, in all of the other domains. Barrier to Housing and Services, Health Deprivation and Disability, and Crime are the most deprived domain in Peterborough (see chart above).

Domain	Average Decile
IMD	4
Income	4
Employment	5
Education, Skills and Training	4
Health Deprivation and Disability	4
Crime	4
Barriers to Housing and Services	4
Living Environment	6

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

Analysis of individual Lower Super Output Areas (LSOA) across Peterborough

The tables show the most deprived and least deprived LSOA's in Peterborough.

Lowest scoring LSOAs (more deprived):

LSOA name (2011)	Ward	National IMD (where 1 is most deprived)	Local IMD (where 1 is most deprived)
Peterborough 007B	Dogsthorpe	1	1
Peterborough 013F	East	1	1
Peterborough 021B	Orton Longueville	1	1
Peterborough 021E	Orton Longueville	1	1
Peterborough 021F	Orton Waterville	1	1
Peterborough 007E	Paston and Walton	1	1
Peterborough 009D	Ravensthorpe	1	1
Peterborough 009E	Ravensthorpe	1	1
Peterborough 011E	West	1	1
Peterborough 009B	Bretton	1	1
Peterborough 010A	North	1	1
Peterborough 010D	Ravensthorpe	1	1

Highest scoring LSOAs (least deprived):

LSOA name (2011)	Ward	National IMD (where 1 is most deprived)	Local IMD (where 1 is most deprived)
Peterborough 003B	Eye, Thorney and Newbourn	9	8
Peterborough 016F	Fletton and Woodston	9	9
Peterborough 001A	Glington and Castor	9	8
Peterborough 001B	Glington and Castor	9	9
Peterborough 003D	Gunthorpe	9	8
Peterborough 023B	Hargate and Hempsted	9	8
Peterborough 018E	Orton Waterville	9	8
Peterborough 002C	Werrington	9	9

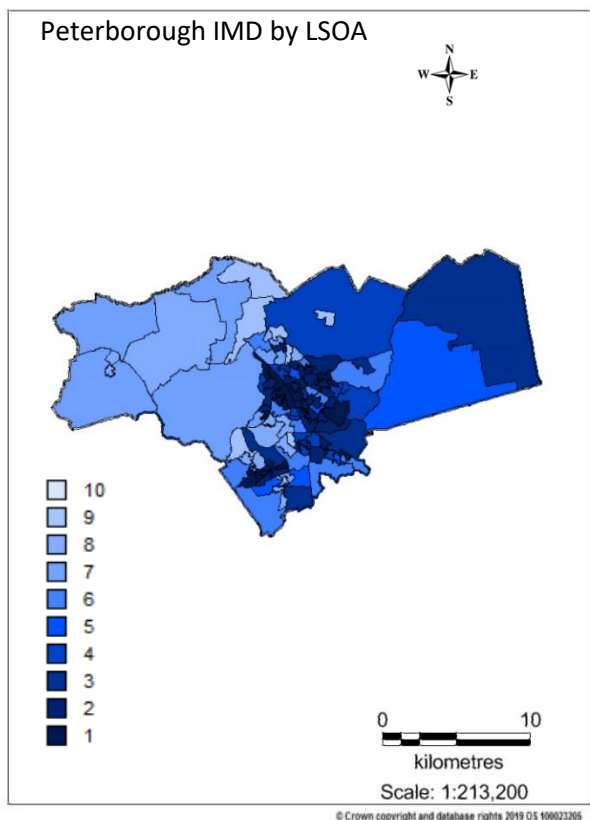


Figure 3; Map of IMD deciles in Peterborough

There are **54/112** LSOAs in the lowest 3 deciles (1-3) and 19/112 LSOAs in the highest 3 deciles (8-10). It is clear therefore that Fenland has substantially more LSOA's in the lower deciles, than the higher deciles. The most deprived deciles are in the centre of the district.

Lowest scoring LSOAs (more deprived):

In general, the centre of the district is the most deprived. LSOAs Peterborough **007B (Dogsthorpe)**, **013F (East)**, **021B, E, and F (Orton Longueville)**, **007E (Paston and Walton)**, **009D & E, 010D (Ravensthorpe)**, **011E (Weston)**, **009B (Bretton)** and **010A (North)** have the most deprivation present in the district on the local IMD deciles (1).

Highest scoring LSOAs (least deprived):

In comparison, Peterborough **002C (Werrington and 001B (Glington and Castor)** rank the highest on both the local and national IMD deciles (9).

LSOA Changes in rank from IMD 2015

Cambridgeshire as a whole has more LSOAs in the less deprived deciles (6-10) than in 2015. Peterborough has become relatively more deprived since 2015, despite there being 2 less LSOA in the 10% most relatively deprived nationally as opposed to 2015. This is because are 6 more in the top 20% most relatively deprived nationally than in 2015. The maps below show the changes in the overall IMD deciles in Peterborough has occurred from 2015 to 2019.

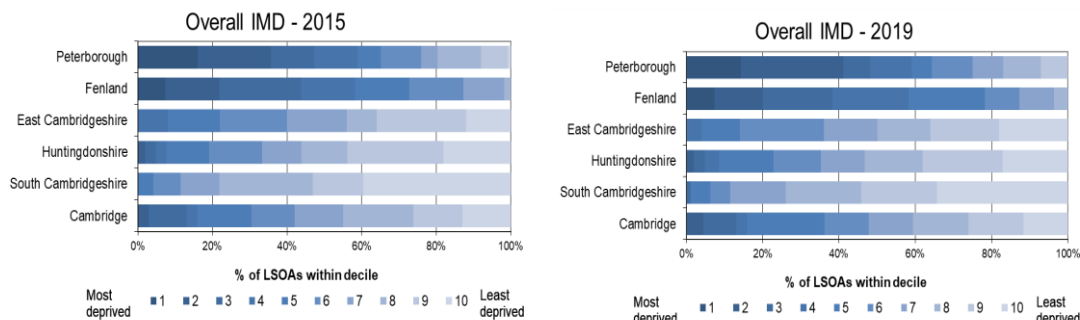


Figure 4; Graphs showing the change in decile rank in the districts between 2015 and 2019

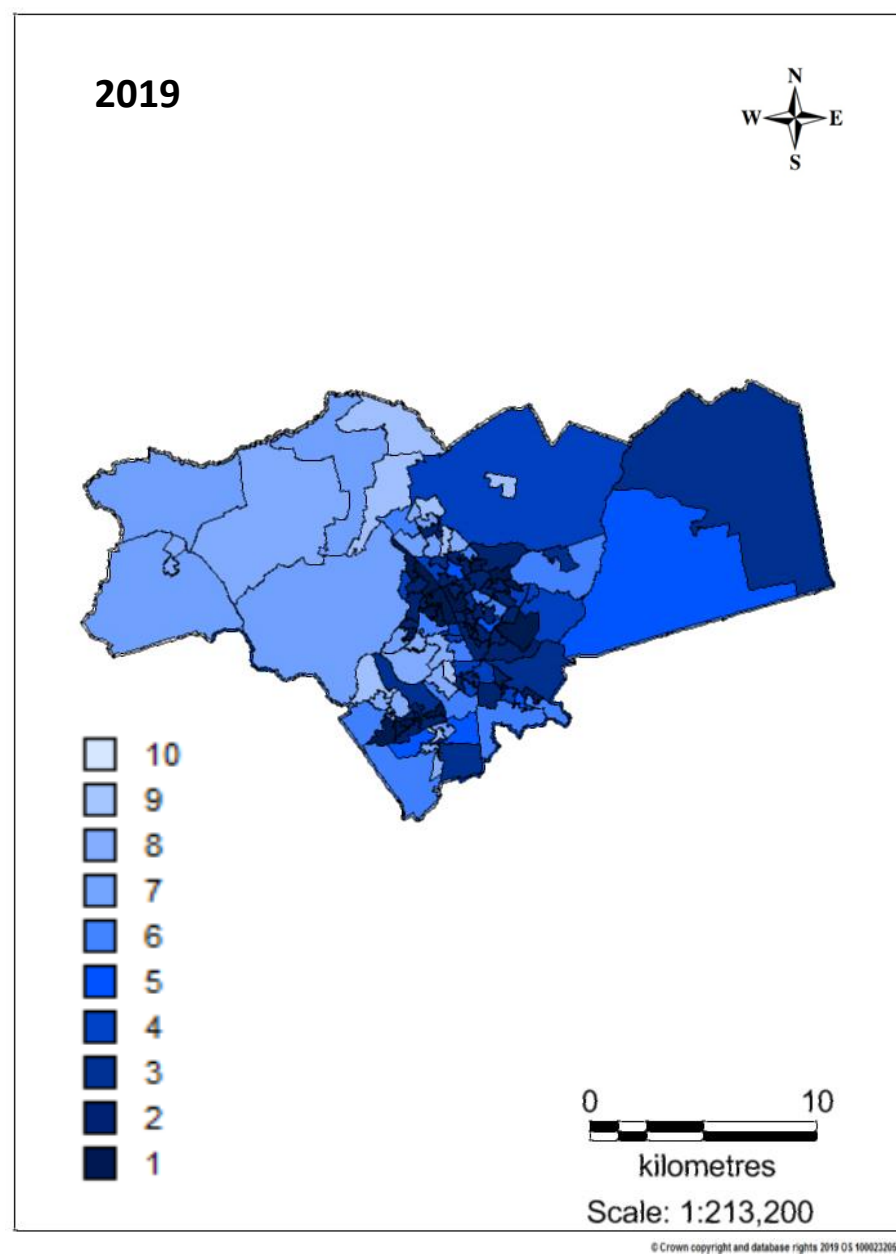
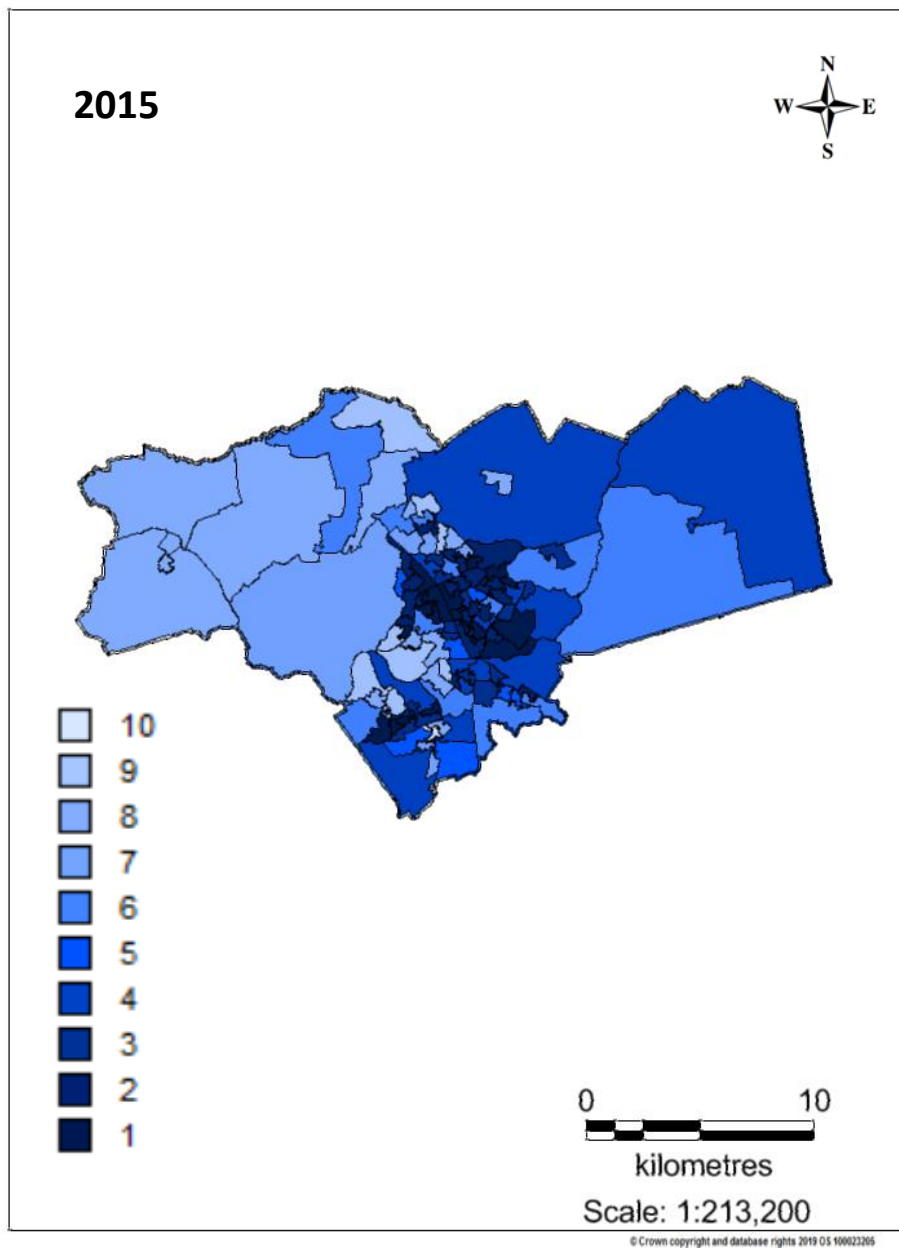


Figure 5; Maps of the IMD deciles in 2015 and 2019

Analysis of overall deprivation across Peterborough 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. 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.

Ward	National IMD (where 1 is most deprived)	Local IMD (where 1 is most deprived)
Barnack	8	8
Bretton	2	2
Central	2	1
Dogsthorpe	2	1
East	3	1
Eye, Thorney and Newborough	5	4
Fletton and Stanground	4	3
Fletton and Woodston	5	5
Glington and Castor	8	8
Gunthorpe	6	5
Hampton Vale	6	4
Hargate and Hempsted	7	5
North	2	1
Orton Longueville	2	2
Orton Waterville	6	6
Park	4	3
Paston and Walton	3	2
Ravensthorpe	3	3
Stanground South	4	3
Werrington	7	5
West	6	5
Wittering	8	8

In general, the wards in the centre of Peterborough district are the most deprived. Average IMD deciles show that there is a large variation between wards, with the most deprived wards ranking in the 2nd decile, and the least deprived wards within the 8th decile. On a local average IMD, the wards are slightly more deprived, with the range being from 1st -8th decile.

Lowest scoring LSOAs (more deprived):

Central, Dogsthorpe, and North are the most deprived wards in the district, particularly on the local IMD, being in the 1st decile (where 1 is the most deprived).

Figure 6; Table of wards in Peterborough e by Local and National IMD.

Highest scoring Wards (least deprived):

Wittering, Glington and Castor and Barnack are the least deprived ward (being in the 8th decile (where 1 is the most deprived)).

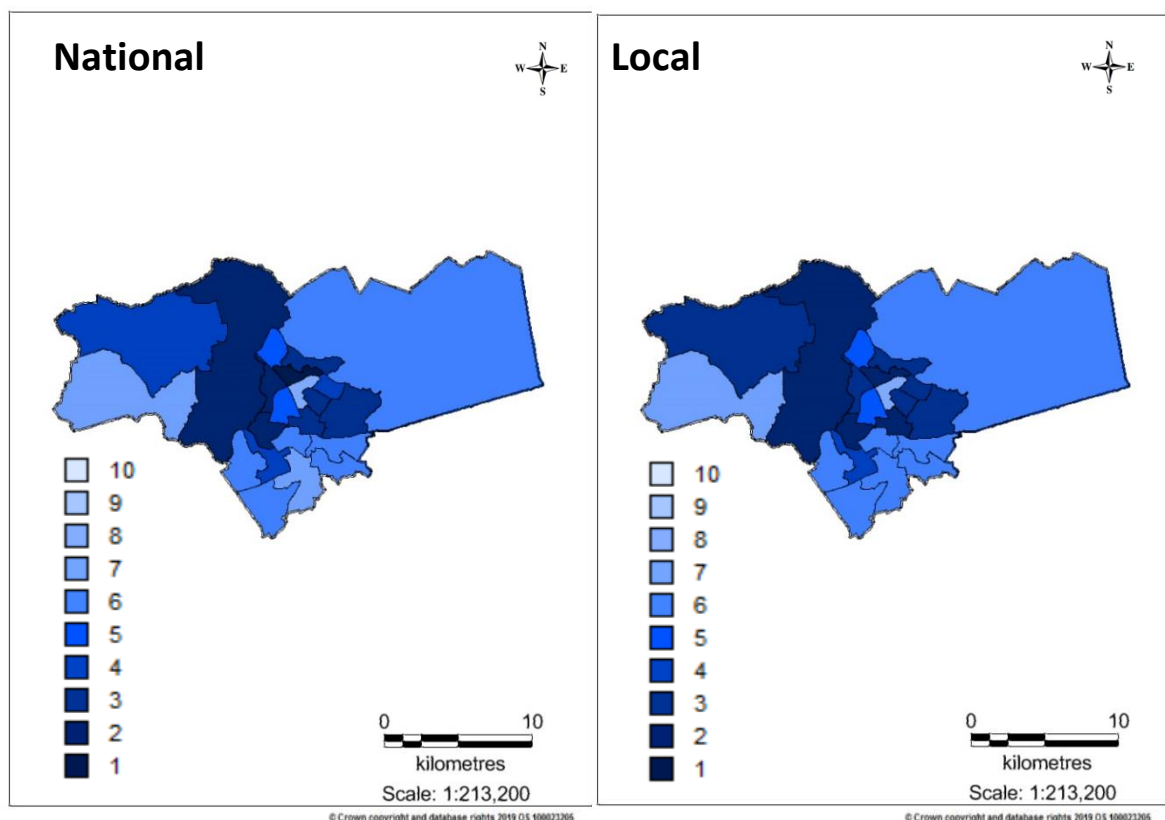


Figure 7; Map of the National IMD and Local IMD by ward in Peterborough

Analysis of Income Deprivation Affecting Children Index (IDACI) and Income Deprivation Affecting Older People Index (IDAOPI) across Peterborough

National IDACI and IDAOPI deciles in Peterborough. 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	3
IDAOPI	4

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

Income Deprivation Affecting Children Index (IDACI)

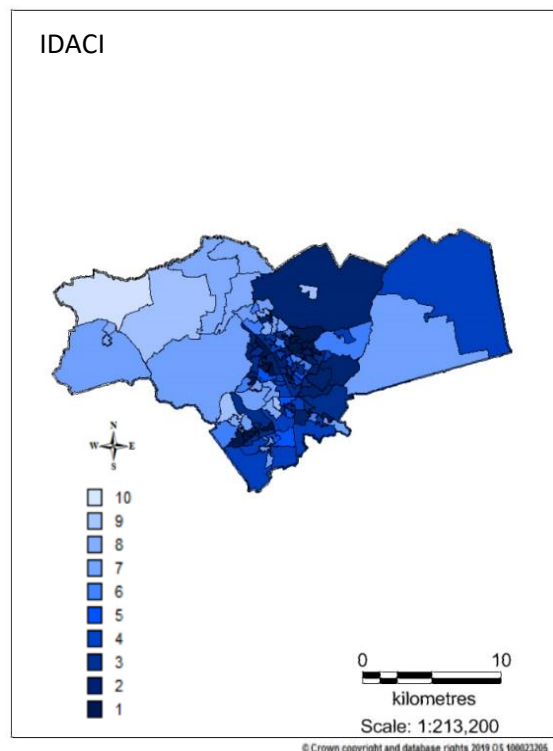


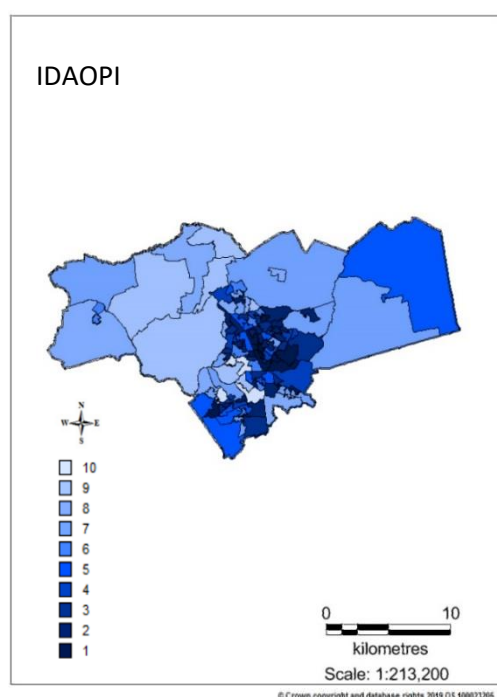
Figure 8; Map of the IDACI LSOAs in Peterborough

There are 11 LSOAs that are particularly deprived in the IDACI domain, all being in the 1st decile: Peterborough **008D** (North) Peterborough **007D** (Paston and Walton), Peterborough **009A** (Bretton) Peterborough **007A & 007B** (Dogsthorpe), Peterborough **021A, 021B & 021E** (Orton Longueville) Peterborough **021F** (Orton Waterville) Peterborough **007E** (Paston and Walton) Peterborough **009D & 009E** (Ravensthorpe).

51/112 of the LSOAs in Peterborough are in the 3 most deprived deciles for IDACI (1-3).

13/112 of the LSOAs in Peterborough are in the 3 least deprived deciles (8-10) for IDACI.

Income Deprivation Affecting Older People Index (IDAOPI)



The LSOAs that are most deprived in IDAOPI are: Peterborough **016C** (Ravensthorpe), Peterborough **012A, 013B, 014A & 014B** (Central), Peterborough **013F & 014D** (East) Peterborough **010B** (North), Peterborough **010A** (North) Peterborough **021F** (Orton Waterville) and Peterborough **(007E)** Paston and Walton. These LSOAs are all in the 1st decile.

These LSOAs are different the most deprived IDACI LSOAs. There appears to be a particular hotspot in Central.

46/112 of the Peterborough LSOAs are in the 3 most deprived deciles (1-3) for IDAOPI.

19/112 of the Peterborough LSOAs are in the 3 least deprived deciles (8-10) for IDAOPI.

Figure 9; Map of the IDAOPI LSOAs in Peterborough

Analysis of the differences between Urban and Rural areas by IMD domain in Peterborough.

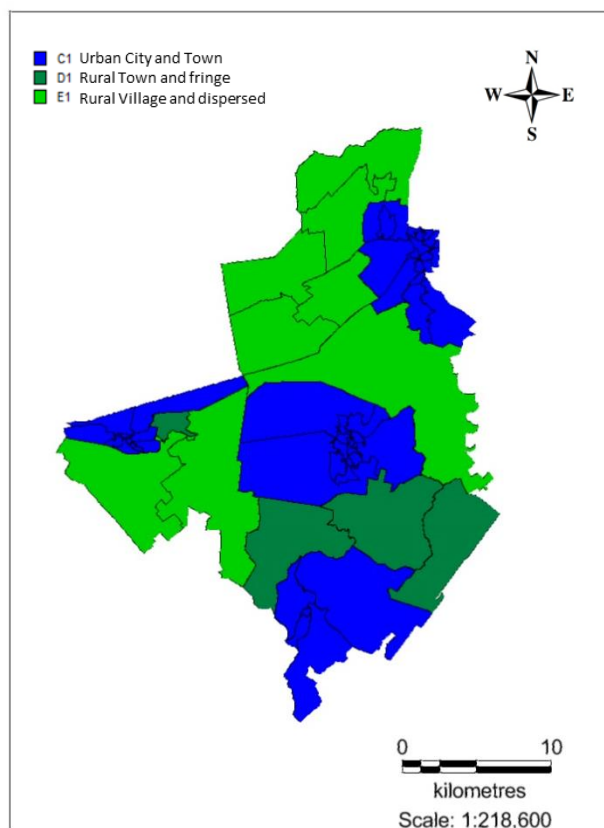
	Index of Multiple Deprivation (IMD) Decile		Income Decile		Employment Decile		Education, Skills and Training Decile		Health Deprivation and Disability Decile		Crime Decile		Barriers to Housing and Services Decile		Living Environment Decile		IDACI
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	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).

In Peterborough, unlike other districts, the divide between urban and rural is relatively small, within the range of 2 deciles.

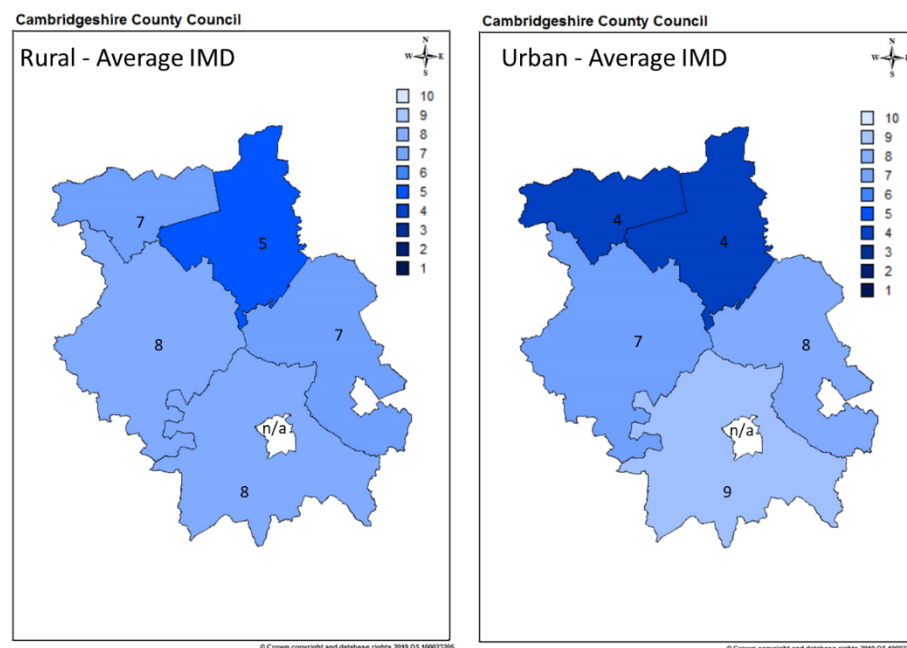
In all domains, rural LSOAs are less deprived (score higher) or the same as the urban ones. The biggest divide between rural and urban is in the Crime Domain (5th decile in Urban and 7th decile in rural).

Other districts have much smaller divides between the rural and urban LSOAs, but also have a more even spread of classifications.



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Figure 11; Map of the Urban and Rural LSOAs in Peterborough



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Figure 12; Map of the average national IMD score in Rural and Urban by district

