The Indices of Deprivation, 2015

Compendium of results for Area Committee 3

March 2015

Produced by:
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Development Department
Nottingham City Council

THE INDICES OF DEPRIVATION 2015

RESULTS FOR AREA COMMITTEE 3

Results for Nottingham City

Background

The Department for Communities and Local Government (DCLG) commissioned the Social Disadvantage Research Centre at the University of Oxford to update the English Indices of Deprivation 2010. The new Indices of Deprivation 2015 were published on 30th September 2015.

What are the Indices of Deprivation?

The Indices of Deprivation measure relative levels of deprivation between small areas in England. They are an important resource to aid policy development and area working. They can be used to prioritise areas most in need of services; they can help to determine the most appropriate services for a given area; they can help to compare the characteristics of one area with another; and they can be used to support funding bids.
The Indices of Deprivation measure a broad concept of deprivation, made up of several distinct dimensions, rather than just financial deprivation. The dimensions (domains) combine to give an overall 'Index of Multiple Deprivation'.

This report summarises the results for Area Committee 3 – the wards of Aspley, Bilborough and Leen Valley. A compendium of all of the results for Nottingham City is also available.

Methodology

The methodology used for the 2015 Indices is very similar to that used for previous Indices. A range of statistical indicators have been collected and grouped under **seven domains**.
In the 2015 Indices, there have been a few minor changes to some indicators used in the creation of domains
The overall score, the Index of Multiple Deprivation (or IMD), is calculated from the domain results. Some domains carry more weight in the overall score than others. The table below shows the domains and the weights assigned to them to produce the IMD. The weights have remained the same since the 2004 Indices.

Table 1: Domain and Weights for the IMD 2015

Domain	Domain weight
Income deprivation	22.5%
Employment deprivation	22.5%
Health deprivation and disability	13.5%
Education, skills and training deprivation	13.5%
Barriers to housing and services	9.3%
Crime	9.3%
Living environment deprivation	9.3%

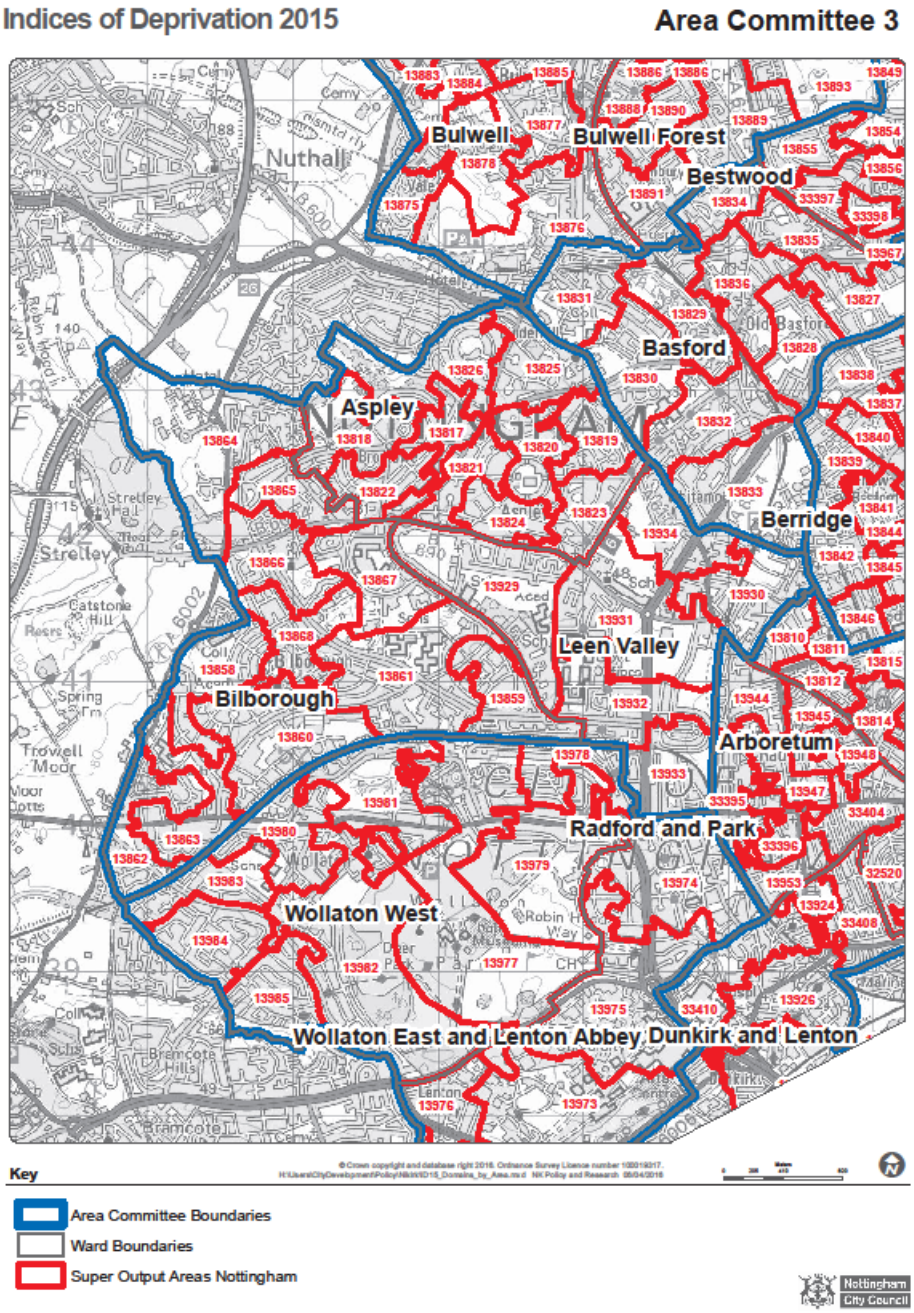
In addition, the two supplementary age-specific Indices (Income Deprivation Affecting Children and Income Deprivation Affecting Older People) have again been published.

Most of the indicators relate to 2012 and the majority of denominators are taken from the 2012 mid-year estimates.

The units for analysis are **Super Output Areas** (SOAs). There are 182 in the City (up from 176 following the 2011 Census), and the majority have a population of between 1,300 and

1,700. Each of the 32,844 SOAs in England has been assigned a score and rank for the IMD, the seven domains and the two supplementary Indices.

All SOAs have a nine-character reference number, but have not been given official names. In order that these may be identified a reference map for Area 3 is below. The map labels correspond to the last five digits of the reference numbers. Where SOAs are referred to in the body of the report, an approximate description of the location has been included. This description is for guidance only.



THE INDEX OF MULTIPLE DEPRIVATION

The map on the next page shows how the Area's SOAs rank out of the 32,844 in England. The darkest shaded areas are those that rank amongst the 10% most deprived in the country. In the past, this has proved a common method of determining an area's eligibility for government grants and additional funding. Those in the next category (10-20%) are also eligible in many cases.

The 2015 Index of Multiple Deprivation (IMD) results are also summarised below, in Tables 2 and 3. Information from 2007 and 2010 is also given to show how areas have changed over time relative to other areas. Note, changes in rank do not show whether areas have become more or less deprived in real terms.

Table 2: The Extent of Extreme Multiple Deprivation

	2015	***2010***	***2007***
Area 3 SOAs in worst 10% nationally	19	*15*	*19*
Area 3 SOAs in worst 20% nationally	21	*21*	*21*

Table 3: SOAs Most Affected by Multiple Deprivation

Area Rank 2015	**Ref**	**Ward**	**City Rank 2015**	**National Rank 2015**	***National Rank 2010***
1	E01013818	Aspley	2	78	*97*
2	E01013861	Bilborough	3	103	*617*
3	E01013817	Aspley	4	145	*497*
4	E01013826	Aspley	7	298	*572*
5	E01013822	Aspley	8	388	*849*

Source for Tables 2-3: Department for Communities and Local Government, 2015

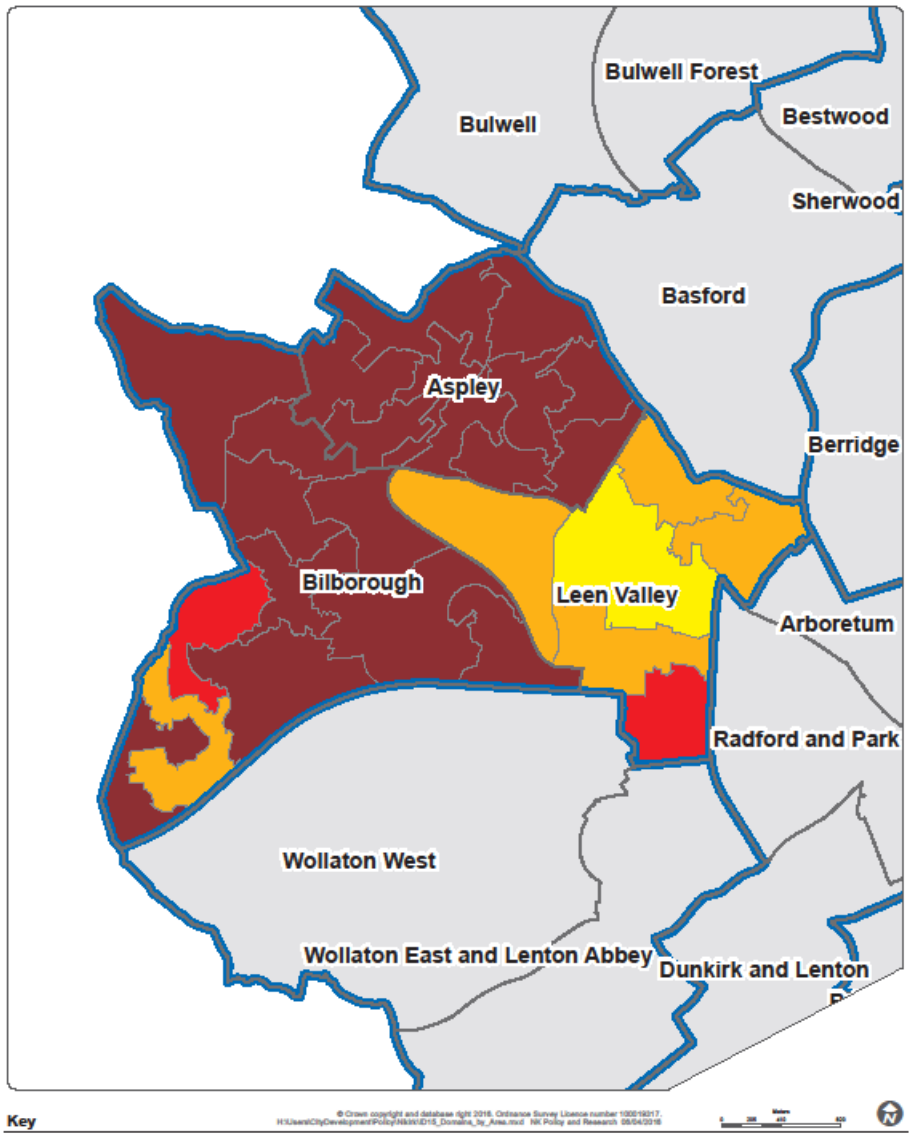
Area 3 experiences severe deprivation and contains 6 of the 10 most deprived SOAs in the City. Aspley ward contains the second most deprived SOA in the City (SOA 818 covering the North West of the Broxtowe Estate) - ranking within the top 100 nationally.

19 of the 27 SOAs in the Area rank amongst the 10% most deprived in England, including all SOAs in Aspley ward

The most extreme areas of deprivation are seen around the Broxtowe Estate (SOAs 818, 817 and 822), the west of Bells Lane (826) and the East of Bilborough (861).

The least deprived SOAs in the Area are in Leen Valley ward, which has just one SOA ranking within the most deprived 20% in England.

Indices of Deprivation 2015: Multiple Deprivation **Area Committee 3**



Key

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National Rank of Lower Super Output Areas

- Most deprived 10%
- 10-20%
- 20-40%
- 40-60%
- 60-80%
- 80-100%

Nottingham City Council

DOMAIN RESULTS

Income Deprivation

Results from the Income Deprivation domain are shown on the following map, and summarised below in Tables 4 and 5.

Table 4: The Extent of Extreme Income Deprivation

	2015	***2010***	***2007***
Area 3 SOAs in worst 10% nationally	17	*14*	*14*
Area 3 SOAs in worst 20% nationally	21	*21*	*20*

Table 5: SOAs Most Affected by Income Deprivation

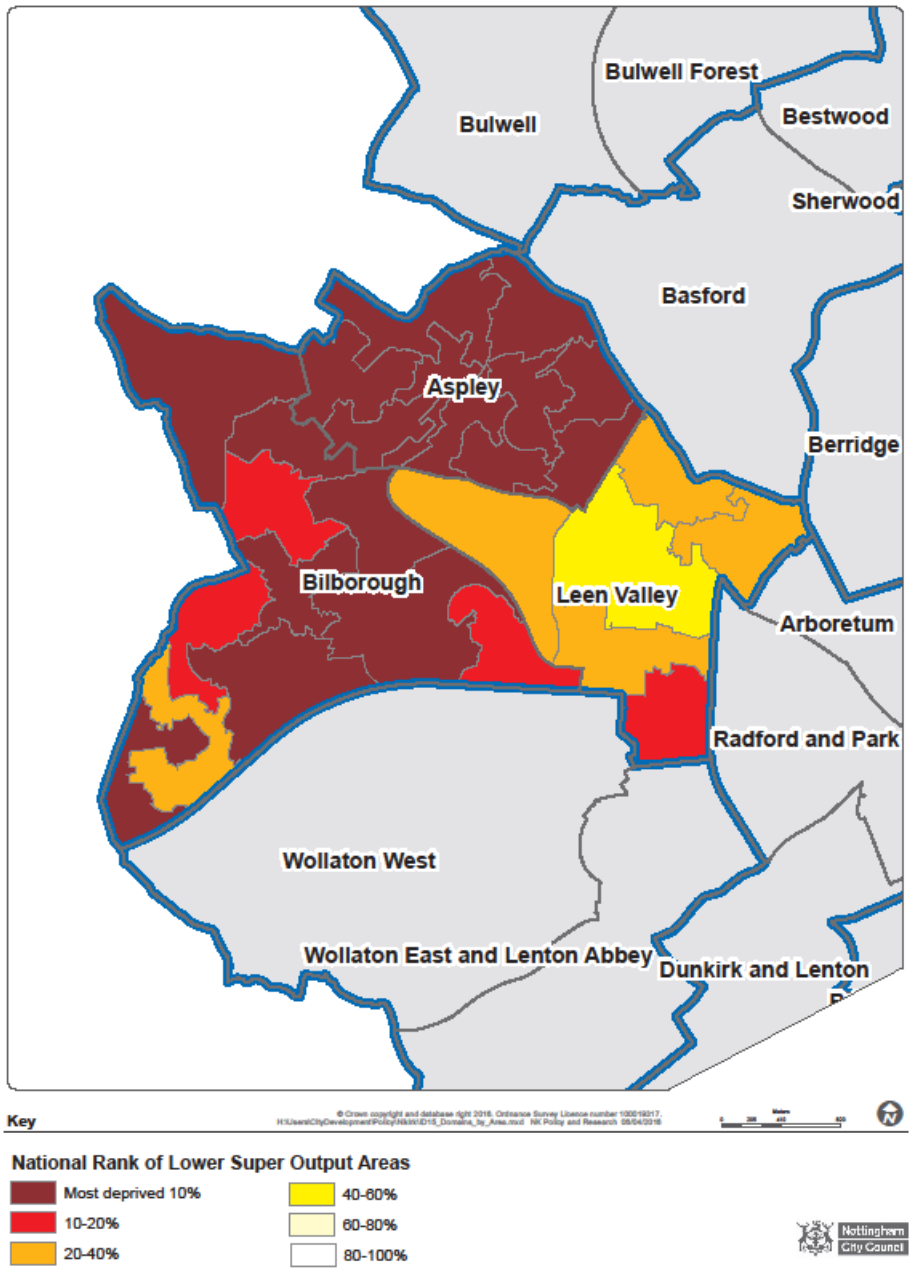
Area Rank 2015	**Ref**	**Ward**	**City Rank 2015**	**National Rank 2015**	***National Rank 2010***
1	E01013818	Aspley	1	13	*26*
2	E01013817	Aspley	2	124	*334*
3	E01013826	Aspley	4	209	*223*
4	E01013861	Bilborough	5	223	*988*
5	E01013822	Aspley	8	392	*829*

Source for Tables 4-5: Department for Communities and Local Government, 2015

17 of the Area's SOAs are in the 10% most income deprived in England, including all SOAs in Aspley. Aspley contains the most income deprived SOA in the City (818), ranking 13th out of 32,844 nationally.

The pattern of extreme income deprivation is the same as for the IMD, with SOAs covering the Broxtowe Estate, west of Bells Lane and parts of Bilborough ranking amongst the worst 10 in the City.

Indices of Deprivation 2015: Income Deprivation — Area Committee 3



Employment Deprivation

Results from the Employment Deprivation domain are summarised below.

Table 6: The Extent of Extreme Employment Deprivation

	2015	***2010***	***2007***
Area 3 SOAs in worst 10% nationally	17	*12*	*10*
Area 3 SOAs in worst 20% nationally	21	*20*	*19*

Table 7: SOAs Most Affected by Employment Deprivation

Area Rank 2015	**Ref**	**Ward**	**City Rank 2015**	**National Rank 2015**	***National Rank 2010***
1	E01013861	Bilborough	1	37	*353*
2	E01013818	Aspley	3	179	*491*
3	E01013868	Bilborough	7	625	*1,263*
4	E01013860	Bilborough	9	767	*1,822*
5	E01013822	Aspley	10	876	*1,801*

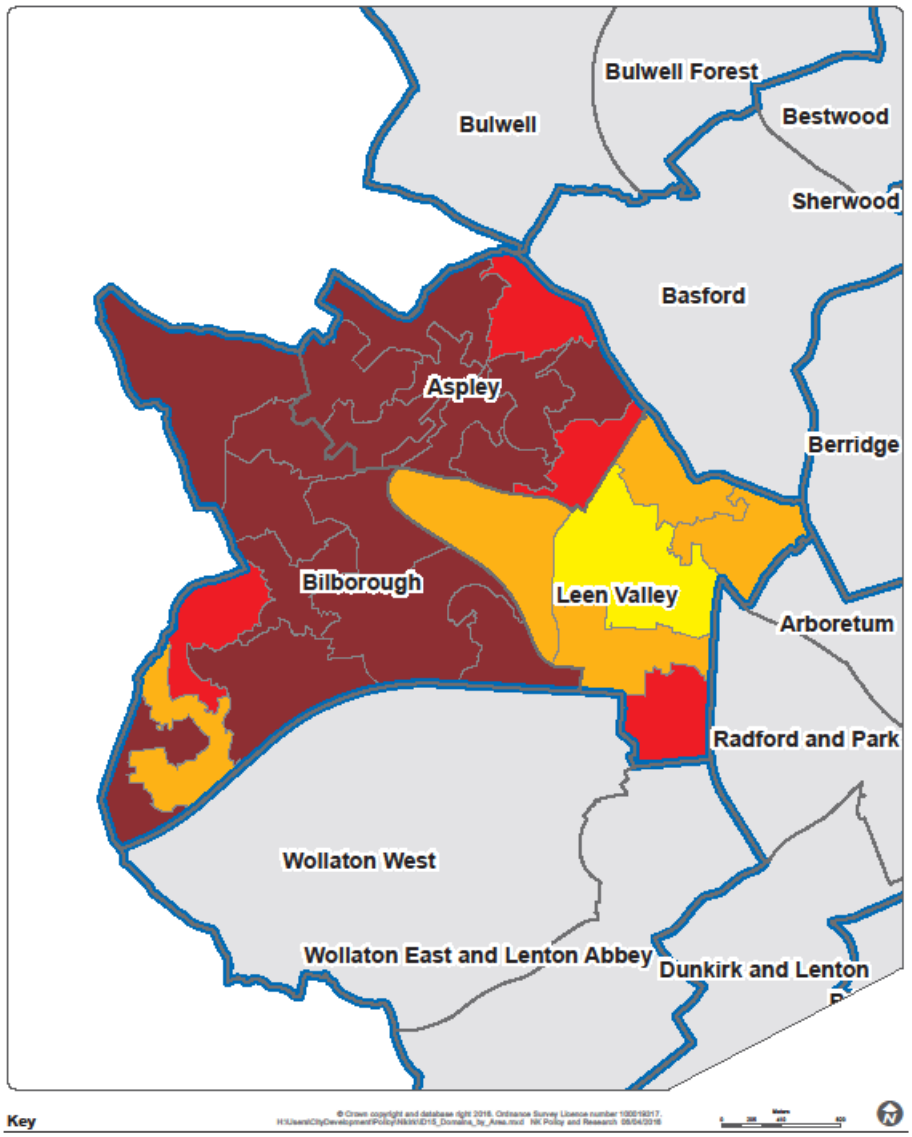
Source for Tables 6-7: Department for Communities and Local Government, 2015

17 of the SOAs in Area 3 are in the 10% most deprived in England in terms of employment deprivation.

Bilborough ward fares worst with all bar two of the SOAs ranking in the most deprived 10% and all bar one ranking in the most deprived 20%.

The most extreme deprivation is concentrated around Bilborough East (SOA 861), Broxtowe north (818), Bracebridge Drive (868) and Bilborough Central (860), all of which rank in the worst 10 in the City.

Indices of Deprivation: Employment Deprivation — Area Committee 3



Health Deprivation and Disability

Results from the Health Deprivation and Disability domain are summarised below.

Table 8: The Extent of Extreme Health Deprivation and Disability

	2015	***2010***	***2007***
Area 3 SOAs in worst 10% nationally	13	*7*	*14*
Area 3 SOAs in worst 20% nationally	22	*20*	*23*

Table 9: SOAs Most Affected by Health Deprivation and Disability

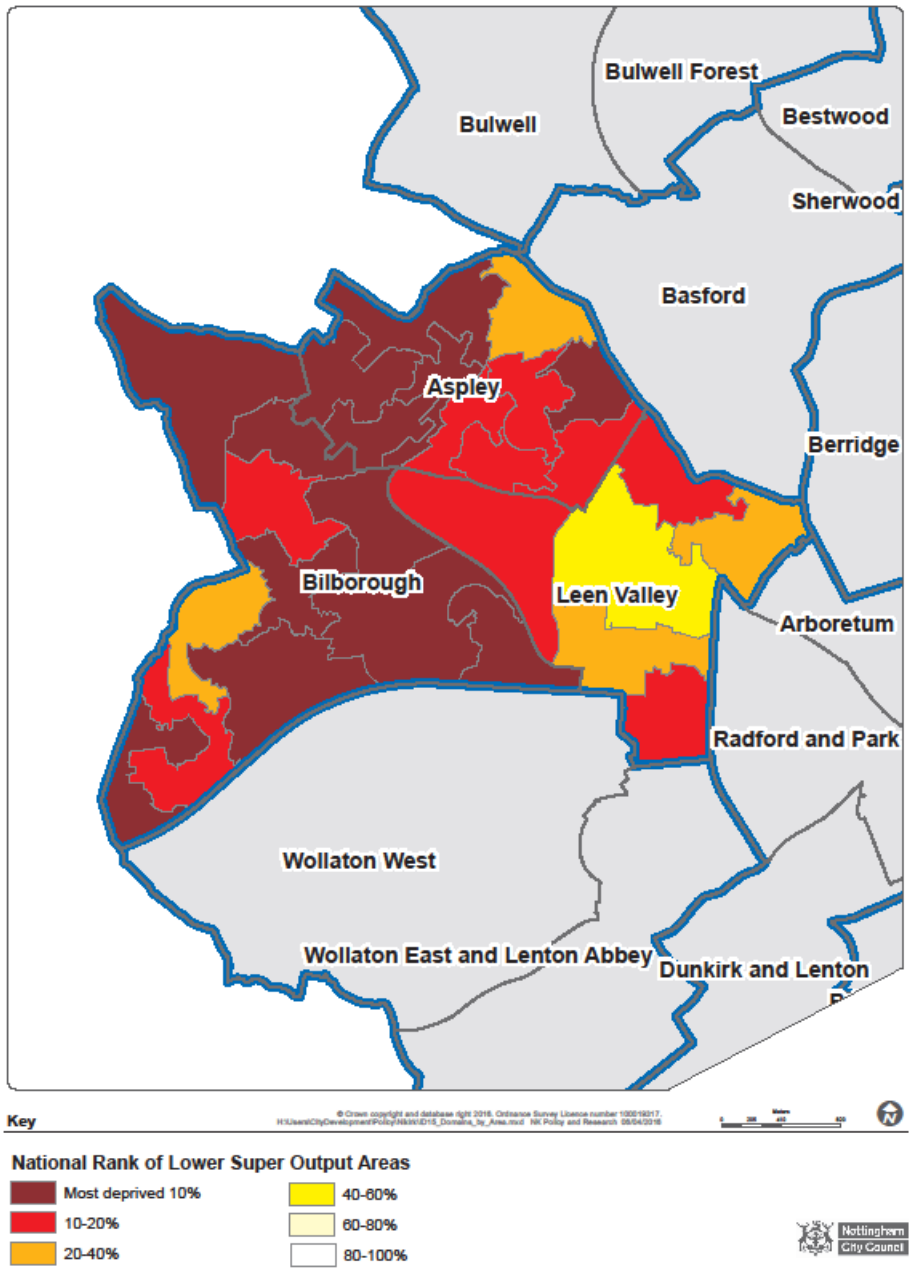
Area Rank 2015	**Ref**	**Ward**	**City Rank 2015**	**National Rank 2015**	***National Rank 2010***
1	E01013861	Bilborough	1	72	*266*
2	E01013859	Bilborough	3	348	*799*
3	E01013860	Bilborough	12	1,082	*2,252*
4	E01013818	Aspley	16	1,200	*1,335*
5	E01013862	Bilborough	17	1,202	*3,255*

Source for Tables 8-9: Department for Communities and Local Government, 2015

13 of 27 SOAs in Area 3 rank within the 10% most deprived for Health Deprivation and Disability and 22 rank within the 20% most deprived, including all bar one SOA in both Aspley and Bilborough wards.

The most deprived SOAs are in the east and central area of Bilborough ward and the Beechdale Estate in Bilborough.

Indices of Deprivation 2015: Health Deprivation **Area Committee 3**



Education, Skills and Training Deprivation

Results from the Education, Skills and Training Deprivation domain are summarised below.

Table 10: The Extent of Extreme Education, Skills and Training Deprivation

	2015	***2010***	***2007***
Area 3 SOAs in worst 10% nationally	18	*19*	*20*
Area 3 SOAs in worst 20% nationally	21	*20*	*21*

Table 11: SOAs Most Affected by Education, Skills and Training Deprivation

Area Rank 2015	**Ref**	**Ward**	**City Rank 2015**	**National Rank 2015**	***National Rank 2010***
1	E01013818	Aspley	2	68	*10*
2	E01013826	Aspley	4	100	*700*
3	E01013861	Bilborough	6	145	*572*
4	E01013817	Aspley	7	177	*143*
5	E01013822	Aspley	9	317	*221*

Source for Tables 10-11: Department for Communities and Local Government, 2015

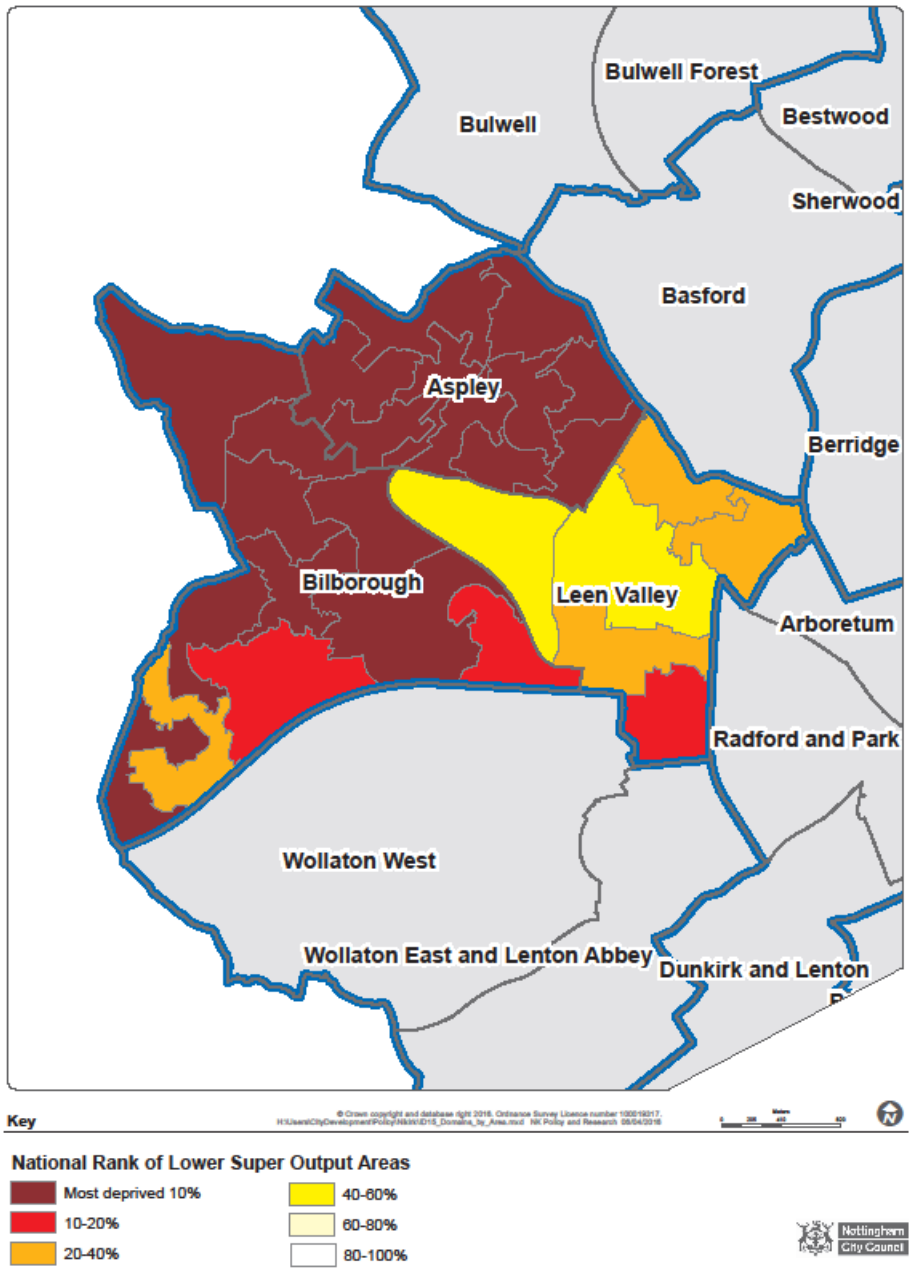
This is one of the worst domains for Area 3, with 18 SOAs ranking in the 10% most deprived for Education, Skills and Training Deprivation in England, including all of the SOAs in Aspley.

Aspley ward has the second most deprived SOA in the City for this domain (SOA 818 covering the west of the Broxtowe Estate) which ranks as the 68th most deprived out of 32,844 in the country.

As with most of the other other domains, the most extreme areas of deprivation are focused around the Broxtowe and Bells Lane Estates (SOAs 818, 826, 817 and 822) and the East of Bilborough (SOA 861).

Indices of Deprivation: Education Deprivation

Area Committee 3



Barriers to Housing and Services

Results from the Barriers to Housing and Services domain are summarised below.

Table 12: The Extent of Extreme Barriers to Housing and Services

	2015	***2010***	***2007***
Area 3 SOAs in worst 10% nationally	0	*0*	*0*
Area 3 SOAs in worst 20% nationally	3	*0*	*0*

Table 13: SOAs Most Affected by Barriers to Housing and Services

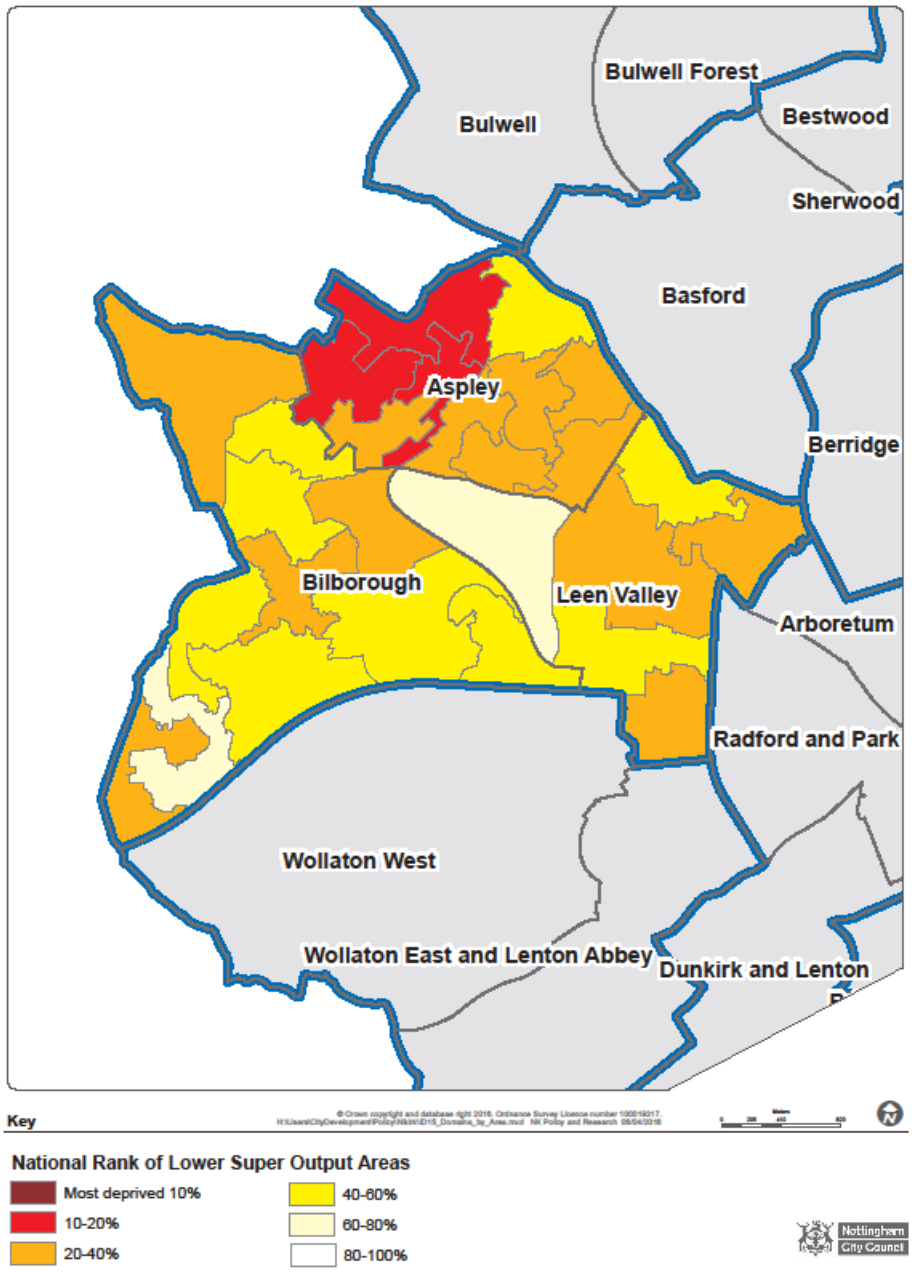
Area Rank 2015	**Ref**	**Ward**	**City Rank 2015**	**National Rank 2015**	***National Rank 2010***
1	E01013826	Aspley	22	4,190	*19,171*
2	E01013817	Aspley	28	4,783	*18,623*
3	E01013818	Aspley	31	5,084	*16,407*
4	E01013862	Bilborough	43	6,686	*11,611*
5	E01013864	Bilborough	52	7,777	*17,308*

Source for Tables 12-13: Department for Communities and Local Government, 2015

As with the Indices of Deprivation in 2007 and 2010, none of the SOAs in Area 3 rank amongst the 10% most deprived nationally for Barriers to Housing and Services.

Only 3 SOAs are within the 20% most deprived category, but nearly all SOAs in Area 3 have seen large changes in ranking since 2007 – primarily due to changes in the indicators used to create the domain.

Indices of Deprivation: Barriers to Housing and Services **Area Committee 3**



Crime

Results from the Crime domain are summarised below.

Table 14: The Extent of Extreme Crime and Disorder Deprivation

	2015	***2010***	***2007***
Area 3 SOAs in worst 10% nationally	9	*16*	*23*
Area 3 SOAs in worst 20% nationally	16	*20*	*26*

Table 15: SOAs Most Affected by Crime and Disorder Deprivation

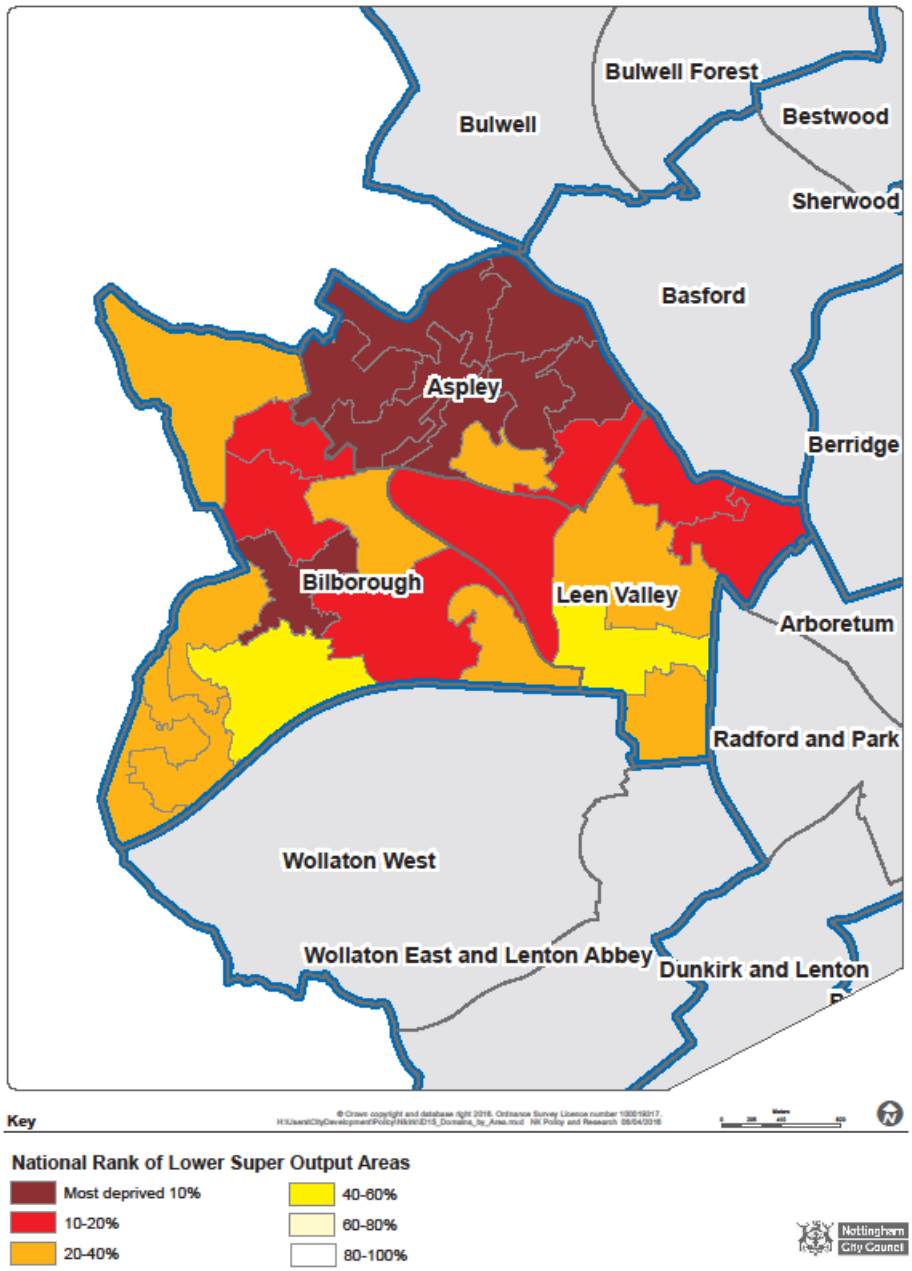
Area Rank 2015	**Ref**	**Ward**	**City Rank 2015**	**National Rank 2015**	***National Rank 2010***
1	E01013817	Aspley	5	289	*37*
2	E01013822	Aspley	6	325	*172*
3	E01013826	Aspley	17	826	*111*
4	E01013819	Aspley	19	989	*107*
5	E01013825	Aspley	26	1,184	*89*

Source for Tables 14-15: Department for Communities and Local Government, 2015

9 SOAs are amongst the 10% most deprived nationally for the Crime deprivation domain and 16 SOAs are in the worst 20%. Both represent improvements on the numbers ranking as deprived in the 2007 and 2010 Indices.

The most severe deprivation on this domain is found in the SOAs covering parts of the Broxtowe Estate (SOAs 817, 822) and the around Bells Lane Estate (826 and 819) – all of which rank in the worst 20 SOAs for the City.

Indices of Deprivation 2015: Crime Deprivation **Area Committee 3**



Living Environment Deprivation

Results from the Living Environment Deprivation domain are summarised below.

Table 16: The Extent of Extreme Living Environment Deprivation

	2015	*2010*	*2007*
Area 3 SOAs in worst 10% nationally	0	*0*	*0*
Area 3 SOAs in worst 20% nationally	0	*0*	*1*

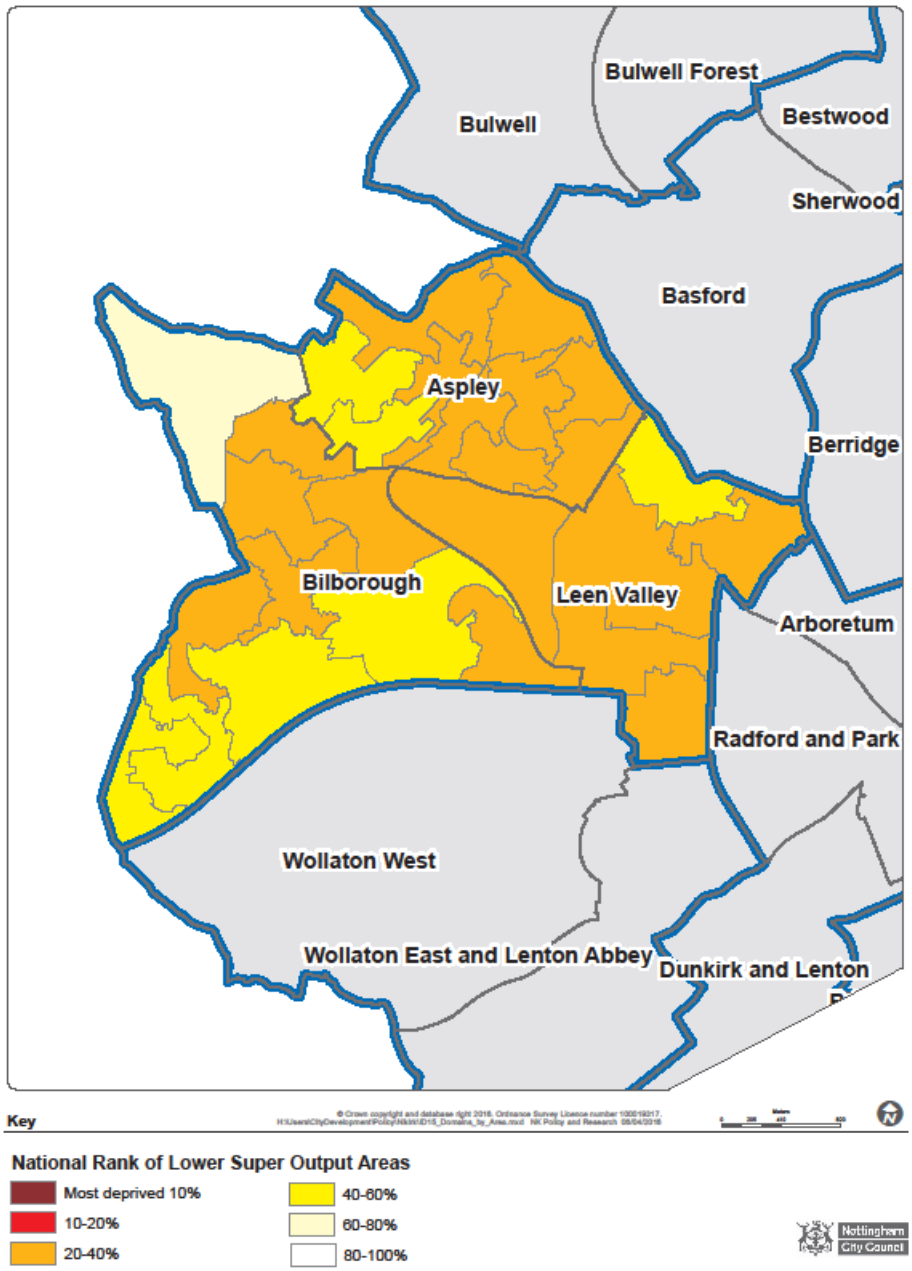
Table 17: SOAs Most Affected by Living Environment Deprivation

Area Rank 2015	Ref	Ward	City Rank 2015	National Rank 2015	*National Rank 2010*
1	E01013825	Aspley	60	6,893	*6,549*
2	E01013933	Leen Valley	63	7,104	*8,311*
3	E01013824	Aspley	67	7,463	*11,950*
4	E01013930	Leen Valley	72	7,862	*12,110*
5	E01013823	Aspley	74	7,950	*8,824*

Source for Tables 16-17: Department for Communities and Local Government, 2015

The Living Environment domain is one of the better domains for Area 3 with no SOAs in the 10% or 20% most deprived in the country.

Indices of Deprivation: Living Environment Deprivation **Area Committee 3**



Key

National Rank of Lower Super Output Areas

- Most deprived 10%
- 10-20%
- 20-40%
- 40-60%
- 60-80%
- 80-100%

Nottingham City Council

Income Deprivation Affecting Children

42% of children in Area 3 (some 4900) are affected by income deprivation. This is higher than the City average of 34.2%.

Table 18: The Extent of Extreme Income Deprivation Affecting Children

	2015	***2010***	***2007***
Area 3 SOAs in worst 10% nationally	16	*12*	*13*
Area 3 SOAs in worst 20% nationally	20	*20*	*20*

Table 19: SOAs Most Affected by Income Deprivation Affecting Children

Area Rank 2015	**Ref**	**Ward**	**City Rank 2015**	**National Rank 2015**	***National Rank 2010***
1	E01013818	Aspley	2	56	*56*
2	E01013817	Aspley	4	241	*127*
3	E01013826	Aspley	5	251	*67*
4	E01013868	Bilborough	9	409	*1,239*
5	E01013861	Bilborough	12	443	*3,119*

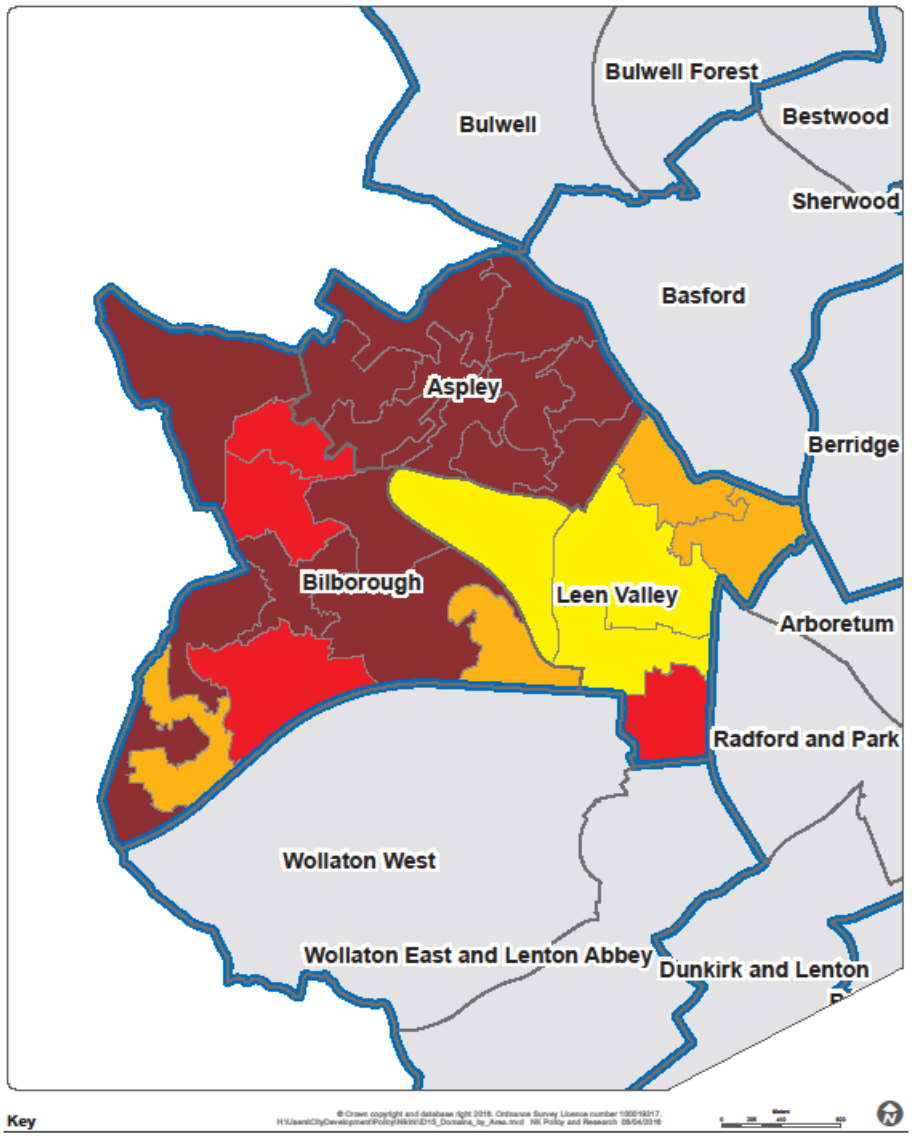
Source for Tables 18-19: Department for Communities and Local Government, 2015

Income deprivation affecting children is higher in Area 3 than for the City as a whole, and 16 SOAs – including all of those in Aspley ward – are in the 10% most deprived nationally.

At 66%, SOA 818 has the highest proportion of children affected. This is the equivalent to 410 children. SOA 826 has a similar **number** of children affected (405). Both SOAs form part of the Broxtowe Estate.

In 7 other SOAs more than half of all children are living in income deprived households.

Income Deprivation Affecting Children 2015 — Area Committee 3



Income Deprivation Affecting Older People

31% of people of pensionable age in Area 3 are affected by income deprivation, lower than the City average of 25.8%. This is the equivalent of 2475 people.

Results from the Income Deprivation Affecting Older People index are summarised below.

Table 20: The Extent of Extreme Income Deprivation Affecting Older People

	2015	***2010***	***2007***
Area 3 SOAs in worst 10% nationally	5	*7*	*7*
Area 3 SOAs in worst 20% nationally	17	*17*	*16*

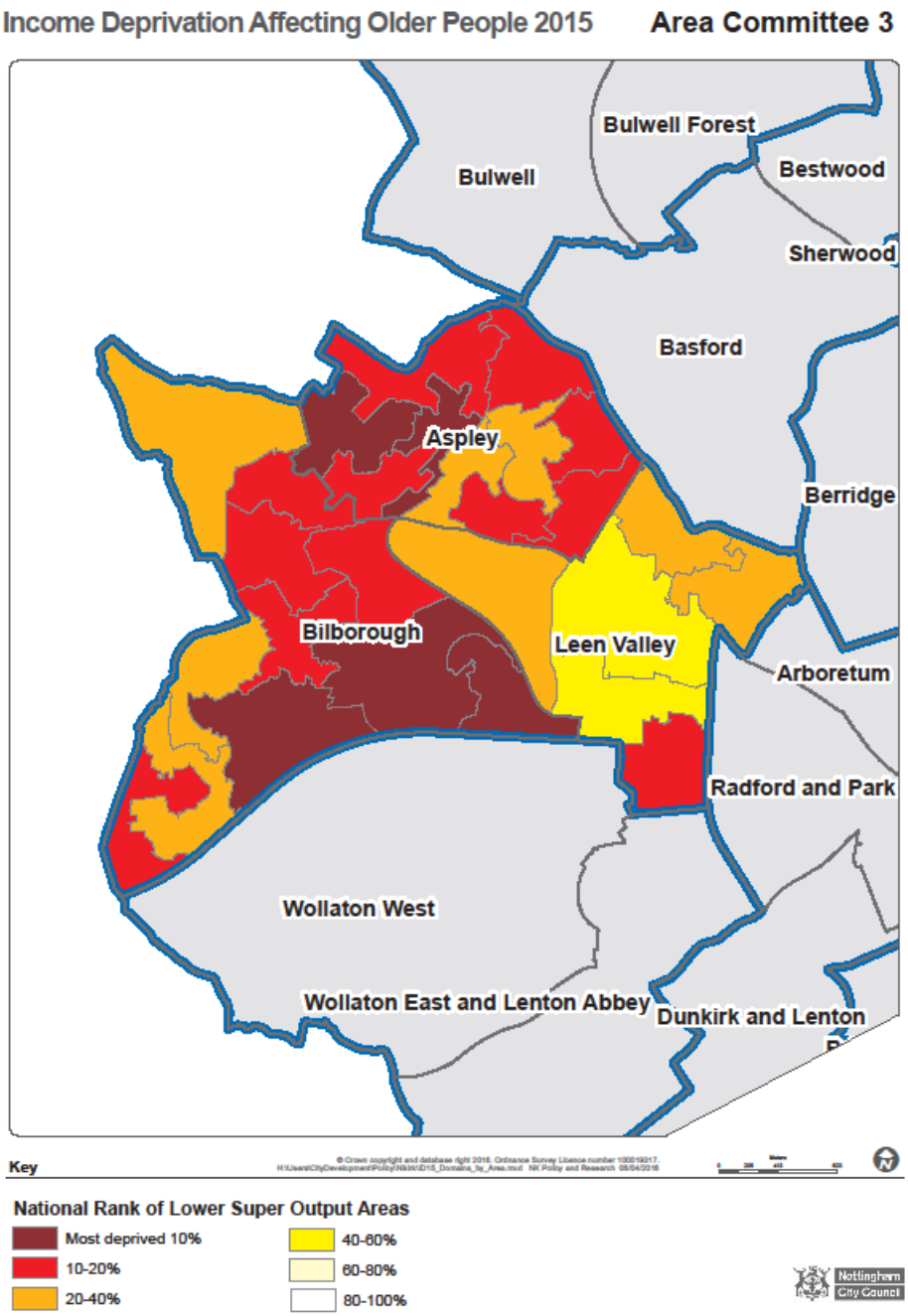
Table 21: SOAs Most Affected by Income Deprivation Affecting Older People

Area Rank 2015	**Ref**	**Ward**	**City Rank 2015**	**National Rank 2015**	***National Rank 2010***
1	E01013861	Bilborough	14	1,171	1,737
2	E01013817	Aspley	19	1,300	2,551
3	E01013818	Aspley	24	1,606	857
4	E01013859	Bilborough	35	2,173	1,318
5	E01013860	Bilborough	48	3,231	3,873

Source for Tables 20-21: Department for Communities and Local Government, 2015

21 of the SOAs in Area 3 have levels of income deprivation amongst older people which are higher than for the City as a whole. 5 SOAs are in the most deprived 10% nationally, and 17 are in the most deprived 20%.

SOA 861 has the highest proportion (nearly half of all pensionable age people – some 225 people). SOA 859 in Bilborough has a similar number of older people affected by income deprivation – with 210 people, 42%.



Further information

If you have any queries about the Indices of Deprivation, please contact the Policy and Research Team in the Development Department at Nottingham City Council on 0115 8763979.