The English Indices of Deprivation 2010

The English Indices of Deprivation 2010 was published by the Department for Communities and Local Government on 24th March 2011. It replaces the Indices of Deprivation 2007 as the official measure of deprivation in England.

Deprivation covers a broad range of issues and refers to unmet needs caused by a lack of resources of all kinds, not just financial. The Indices of Deprivation 2010 is based on the concept that deprivation consists of more than just poverty. Poverty is not having enough money to get by on where as deprivation refers to a general lack of resources and opportunities.

The English Indices of Deprivation attempt to measure a broad concept of multiple deprivation by using 38 separate indicators, organised across seven distinct domains. These domains can then be combined, using appropriate weights, to calculate the Index of Multiple Deprivation 2010 (IMD 2010). This is an overall measure of multiple deprivation experienced by people living in an area and is calculated for every Lower layer Super Output Area (LSOA) in England. The IMD 2010 can therefore be used to rank every LSOA in England according to their **relative** level of deprivation.

The domains used in the Index of Multiple Deprivation 2010 are income, employment, health, education, crime, access to services and living environment. Each of these domains has their own scores and ranks allowing specific aspects of deprivation to be focussed on.

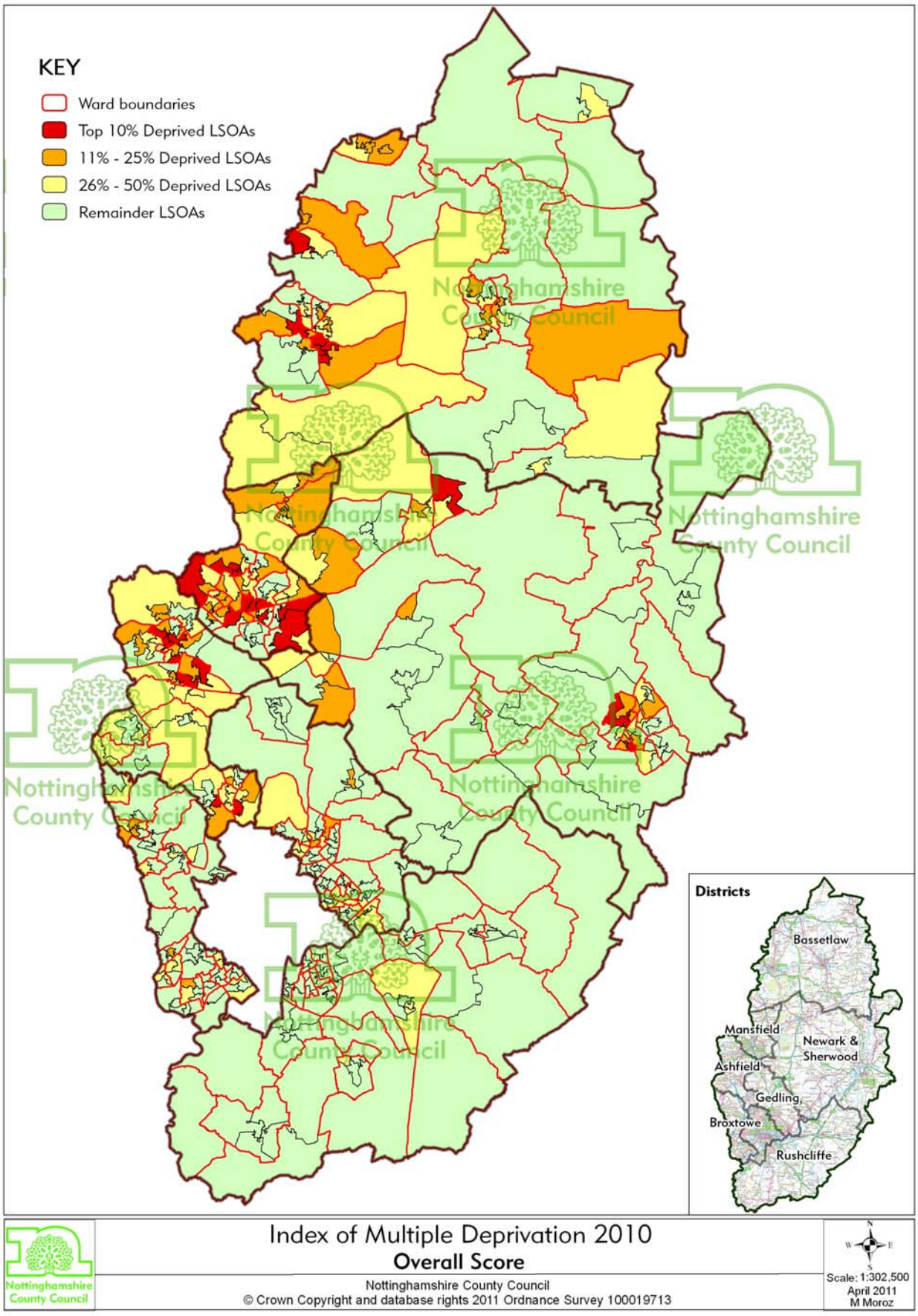
The English Indices of Deprivation are a continuous measure of relative deprivation and there is no definitive point on the scale below which areas are considered to be deprived and above which they are not. However, it is usual to define deprived areas as those LSOA's that are amongst the 10% most deprived in England according to the overall Index of Multiple Deprivation.

In Nottinghamshire there are 31 LSOA's in the 10% most deprived LSOA's in England, an increase from 23 in 2007. Map 1 clearly shows that the most deprived LSOA's are concentrated in the districts of Mansfield (12 LSOA's), Ashfield (10), Bassetlaw (6) and Newark & Sherwood (3). There are 104 LSOA's in the 25% most deprived LSOA's in England, an increase from 101 in 2007.

The table below gives details of the five most deprived LSOA's in Nottinghamshire and the ward and district in which they are located. All five LSOA's are in the 2% most deprived in England. The most deprived LSOA in the county lies within Ravensdale ward in Mansfield. It is ranked the 50th most deprived out of the 32,482 LSOA's in England.

LSOA Code	Ward Name	LA District	Rank of IMD score (1 is most deprived)
E01028276	Ravensdale	Mansfield	50
E01028263	Oak Tree	Mansfield	177
E01028066	Worksop South East	Bassetlaw	185
E01028065	Worksop South East	Bassetlaw	186
E01028265	Pleasley Hill	Mansfield	437

Map 1: Index of Multiple Deprivation 2010



The table below gives details of the five least deprived LSOA's in Nottinghamshire and the ward and district in which they are located. All five LSOA's are in the 1% least deprived in England. The least deprived LSOA in the county lies within Keyworth North ward in Rushcliffe. It is ranked 32,456 out of the 32,482 LSOA's in England.

LSOA Code	Ward Name	LA District	Rank of IMD score (32,482 is least deprived)
E01028388	Leake	Rushcliffe	32,334
E01028400	Musters	Rushcliffe	32,374
E01028377	Gamston	Rushcliffe	32,394
E01028363	Compton Acres	Rushcliffe	32,398
E01028379	Keyworth North	Rushcliffe	32,456

The Domains

As already mentioned the seven domains of deprivation are combined to produce the overall Index of Multiple Deprivation. The weightings given to each domain are shown in the table below.

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

Each domain contains a number of component indicators. The criteria for inclusion of these indicators are that they should be domain specific and appropriate for measuring major features of that deprivation; up-to-date; capable of being updated on a regular basis; statistically robust; and available for the whole of England at a small area level in a consistent form.

The following pages give brief details of each domain together with results showing the ten most deprived LSOA's and ten least deprived LSOA's within Nottinghamshire.

In each domain the rankings run from 1 through to 32,482 where 1 indicates the LSOA experiencing the most deprivation in England and 32,482 represents the LSOA experiencing the least deprivation in England.

The accompanying maps relate to the level of deprivation ranked within England i.e. the areas shown in red fall within the 10% most deprived LSOA's in England.

Income Deprivation Domain

This domain measures the proportion of the population in an area experiencing deprivation related to low income. A combined count of income deprived individuals per LSOA is calculated by summing the following five indicators:

- Adults and children in Income Support families
- Adults and children in Income-Based Jobseeker's Allowance families
- Adults and children in Pension Credit (Guarantee) families
- Adults and children in Child Tax Credit families (who are not in receipt of Income Support, Income-Based Jobseeker's Allowance or Pension Credit) whose equivalised income (excluding housing benefits) is below 60 per cent of the median before housing costs
- Asylum seekers in England in receipt of subsistence support, accommodation support, or both.

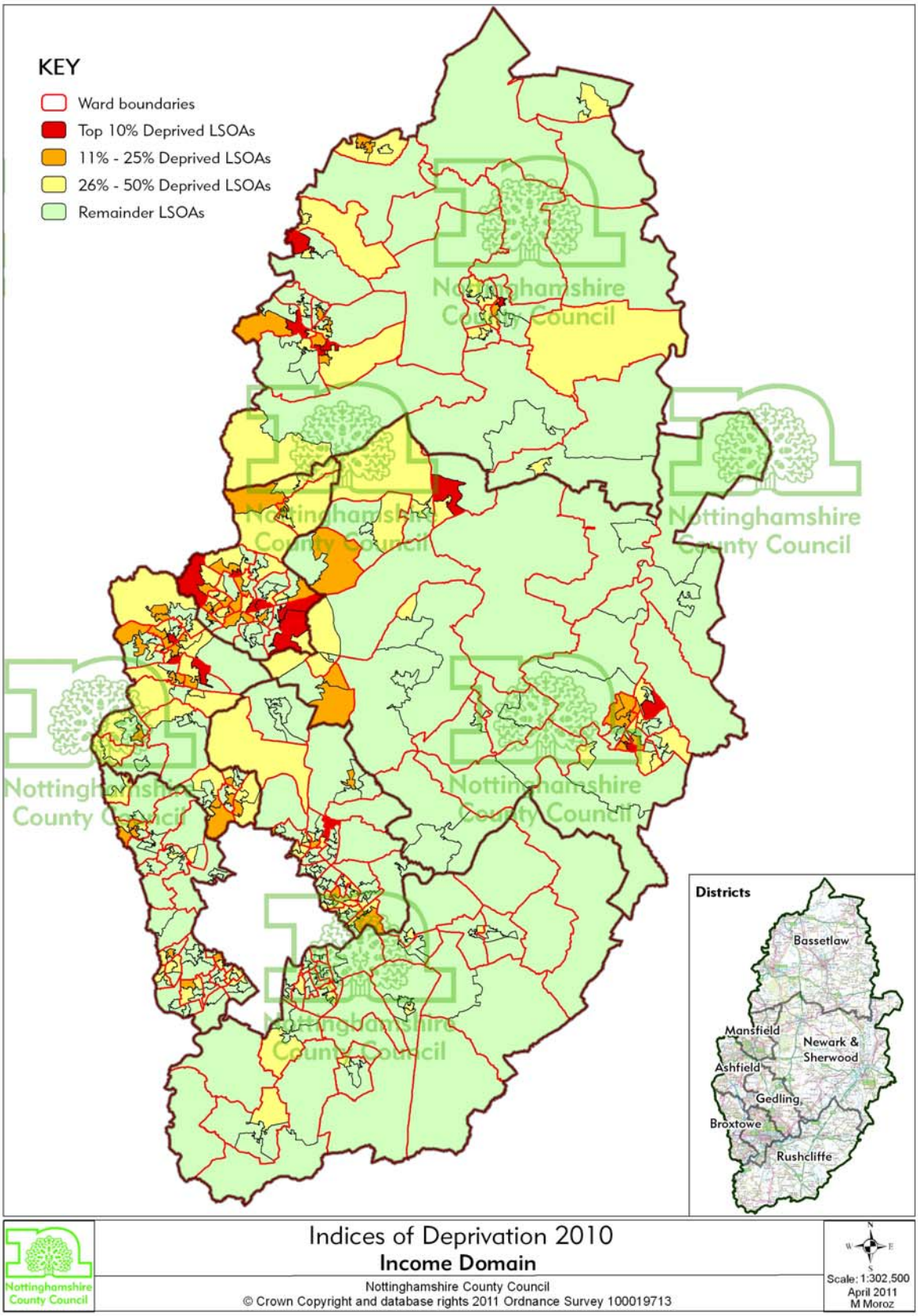
Ten most deprived LSOA's in Nottinghamshire – Income Deprivation

LSOA Code	Ward Name	LA District	Rank of IMD score (1 is most deprived)
E01028276	Ravensdale	Mansfield	333
E01028263	Oak Tree	Mansfield	372
E01028065	Worksop South East	Bassetlaw	443
E01028066	Worksop South East	Bassetlaw	602
E01027951	Kirkby in Ashfield E	Ashfield	741
E01028265	Pleasley Hill	Mansfield	1,090
E01028001	Carlton	Bassetlaw	1,371
E01028301	Boughton	Newark & S	1,529
E01028173	Killisick	Gedling	1,759
E01028281	Robin Hood	Mansfield	1,769

Ten least deprived LSOA's in Nottinghamshire – Income Deprivation

LSOA Code	Ward Name	LA District	Rank of IMD score (32,482 is least deprived)
E01028135	Toton & Chilwell Meadows	Broxtowe	31,593
E01028063	Worksop South	Bassetlaw	31,688
E01028222	Berry Hill	Mansfield	31,721
E01028087	Bramcote	Broxtowe	31,767
E01028292	Beacon	Newark & S	31,800
E01028089	Bramcote	Broxtowe	31,922
E01028379	Keyworth North	Rushcliffe	31,986
E01028352	Trent	Newark & S	32,067
E01028388	Leake	Rushcliffe	32,179
E01028201	Ravenshead	Gedling	32,313

Map 2: Income Deprivation 2010



Employment Deprivation Domain

This domain measures employment deprivation in an area conceptualised as involuntary exclusion of the working age population from the labour market. A combined count of employment deprived individuals per LSOA is calculated by summing the following seven indicators:

- Claimants of Jobseeker's Allowance (both Contributory and Income-Based) women aged 18-59 and men aged 18-64, averaged over 4 quarters
- Claimants of Incapacity Benefit women aged 18-59 and men aged 18-64, averaged over 4 quarters
- Claimants of Severe disablement Allowance women aged 18-59 and men aged 18-64, averaged over 4 quarters
- Claimants of Employment Support Allowance women aged 18-59 and men aged 18-64
- Participants in New Deal for the 18-24s who are not in receipt of Jobseeker's Allowance, averaged over 4 quarters
- Participants in New Deal for 25+ who are not in receipt of Jobseeker's Allowance, averaged over 4 quarters
- Participants in New Deal for Lone Parents (after initial interview) aged over 18, averaged over 4 quarters.

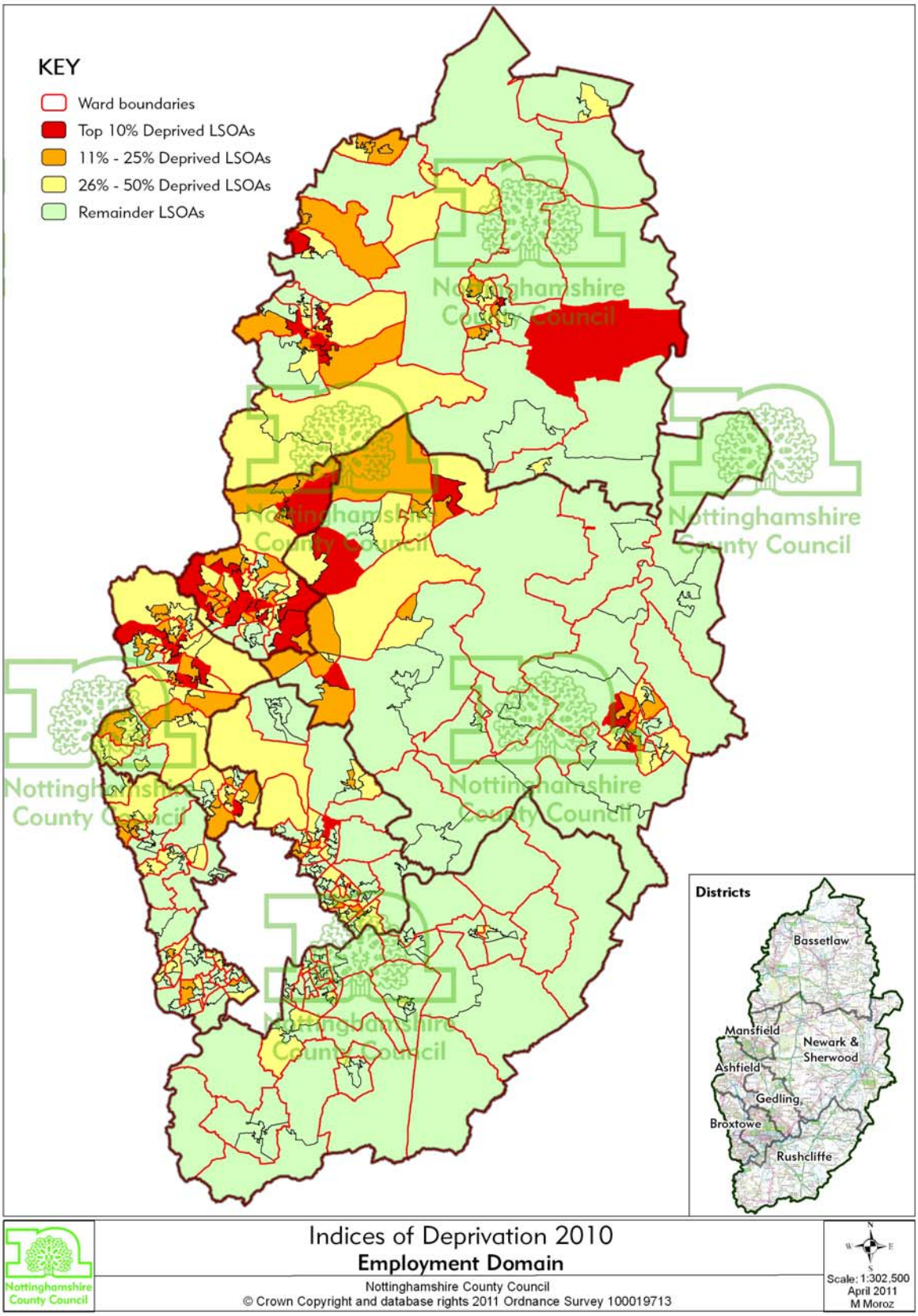
Ten most deprived LSOA's in Nottinghamshire – Employment Deprivation

LSOA Code	Ward Name	LA District	Rank of IMD score (1 is most deprived)
E01028263	Oak Tree	Mansfield	130
E01028276	Ravensdale	Mansfield	139
E01028065	Worksop South East	Bassetlaw	312
E01028256	Lindhurst	Mansfield	379
E01028066	Worksop South East	Bassetlaw	441
E01028265	Pleasley Hill	Mansfield	551
E01027966	Sutton in Ashfield C	Ashfield	828
E01027951	Kirkby in Ashfield E	Ashfield	879
E01028055	Worksop North West	Bassetlaw	880
E01028268	Portland	Mansfield	1,020

Ten least deprived LSOA's in Nottinghamshire – Employment Deprivation

LSOA Code	Ward Name	LA District	Rank of IMD score (32,482 is least deprived)
E01028365	Compton Acres	Rushcliffe	30,806
E01028408	Soar Valley	Rushcliffe	30,992
E01028379	Keyworth North	Rushcliffe	31,124
E01028400	Musters	Rushcliffe	31,131
E01028396	Melton	Rushcliffe	31,155
E01028137	Toton & Chilwell Meadows	Broxtowe	31,548
E01028352	Trent	Newark & S	31,871
E01028388	Leake	Rushcliffe	31,912
E01028395	Manvers	Rushcliffe	31,914
E01028359	Bingham East	Rushcliffe	31,984

Map 3: Employment Deprivation 2010



Health Deprivation and Disability Domain

This domain measures premature death and the impairment of quality of life by poor health. It considers both physical and mental health. The domain measures morbidity, disability and premature mortality but not aspects of behaviour or environment that may be predictive of future health deprivation. Four indicators are used to calculate this domain:

- Years of potential life lost – an age and sex standardised measure of premature death
- Comparative Illness and Disability Ratio – an age and sex standardised measure of morbidity and disability
- Measures of acute morbidity – an age and sex standardised rate of emergency admissions to hospital
- Proportion of adults under 60 suffering from mood and anxiety disorders.

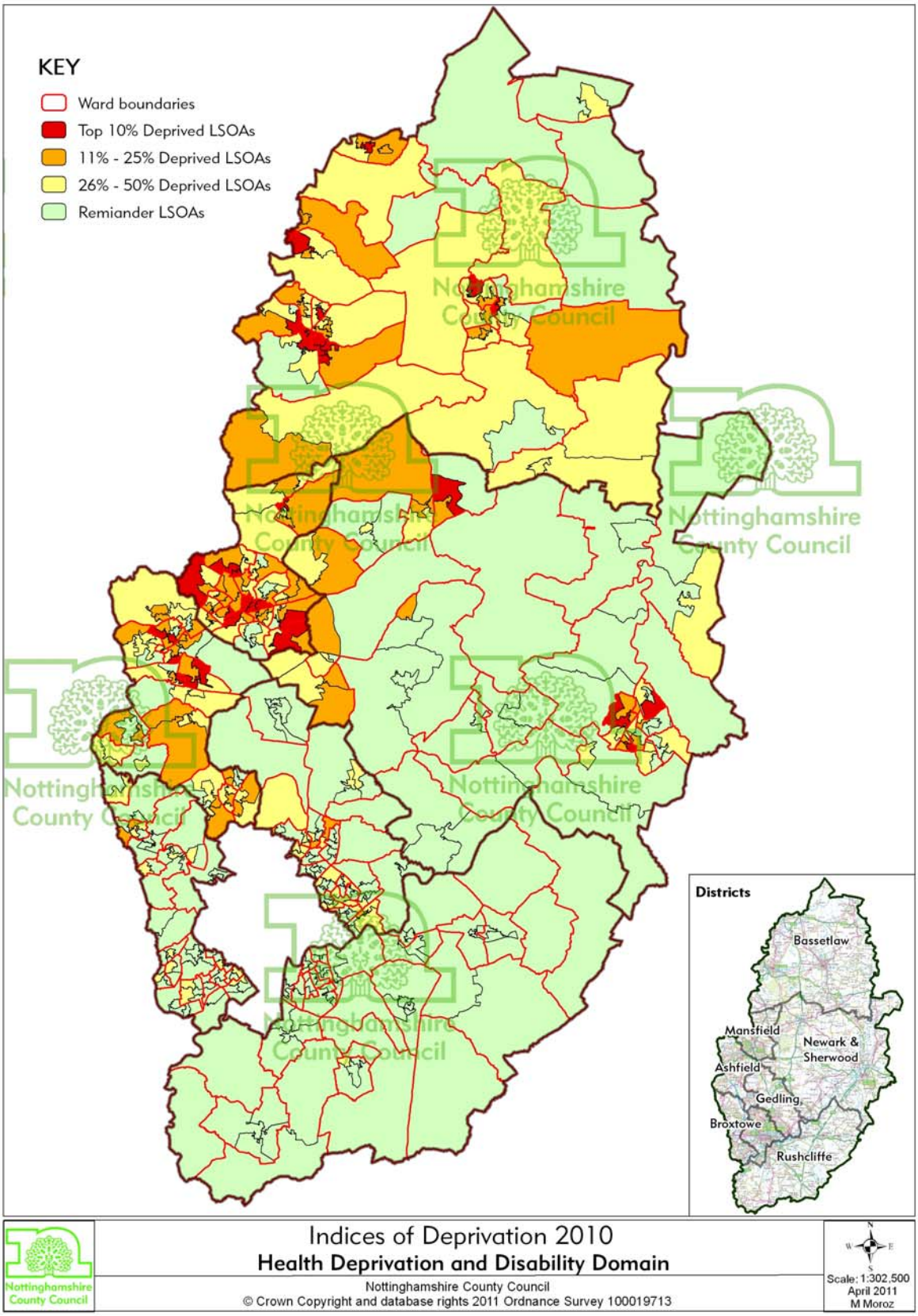
Ten most deprived LSOA's in Nottinghamshire – Health & Disability

LSOA Code	Ward Name	LA District	Rank of IMD score (1 is most deprived)
E01028263	Oak Tree	Mansfield	105
E01028276	Ravensdale	Mansfield	286
E01028055	Worksop North West	Bassetlaw	297
E01028066	Worksop South East	Bassetlaw	334
E01028256	Lindhurst	Mansfield	413
E01028065	Worksop South East	Bassetlaw	475
E01028053	Worksop North East	Bassetlaw	1,199
E01028966	Sutton in Ashfield C	Ashfield	1,337
E01028247	Ladybrook	Mansfield	1,497
E01028275	Ravensdale	Mansfield	1,502

Ten least deprived LSOA's in Nottinghamshire – Health & Disability

LSOA Code	Ward Name	LA District	Rank of IMD score (32,482 is least deprived)
E01028412	Tollerton	Rushcliffe	31,609
E01028402	Nevile	Rushcliffe	31,618
E01028379	Keyworth North	Rushcliffe	31,746
E01028377	Gamston	Rushcliffe	31,767
E01028389	Leake	Rushcliffe	31,788
E01028410	Stanford	Rushcliffe	31,836
E01028363	Compton Acres	Rushcliffe	31,954
E01028395	Manvers	Rushcliffe	31,967
E01028378	Gotham	Rushcliffe	31,990
E01028388	Leake	Rushcliffe	32,288

Map 4: Health Deprivation and Disability 2010



Education, Skills and Training Deprivation Domain

This domain measures the extent of deprivation in terms of education, skills and training in an area. The indicators are structured into two sub-domains: one relating to children and young people and one relating to adult skills. These sub-domains are designed to reflect the 'flow' and 'stock' of educational disadvantage within an area respectively. Seven indicators are used to calculate this domain:

Sub-domain: Children/young people

- Average points score of pupils taking English, Maths and Science Key Stage 2 exams
- Average points score of pupils taking English, Maths and Science Key Stage 3 exams
- Average capped points score of pupils taking Key Stage 4 (GCSE or equivalent) exams
- Proportion of young people not staying on in school or non-advanced education above age 16
- Secondary school absence rate – the proportion of authorised and unauthorised absences from secondary school
- Proportion of those aged under 21 not entering Higher Education.

Sub-domain: Skills

- Proportion of adults aged 25-54 with no or low qualifications.

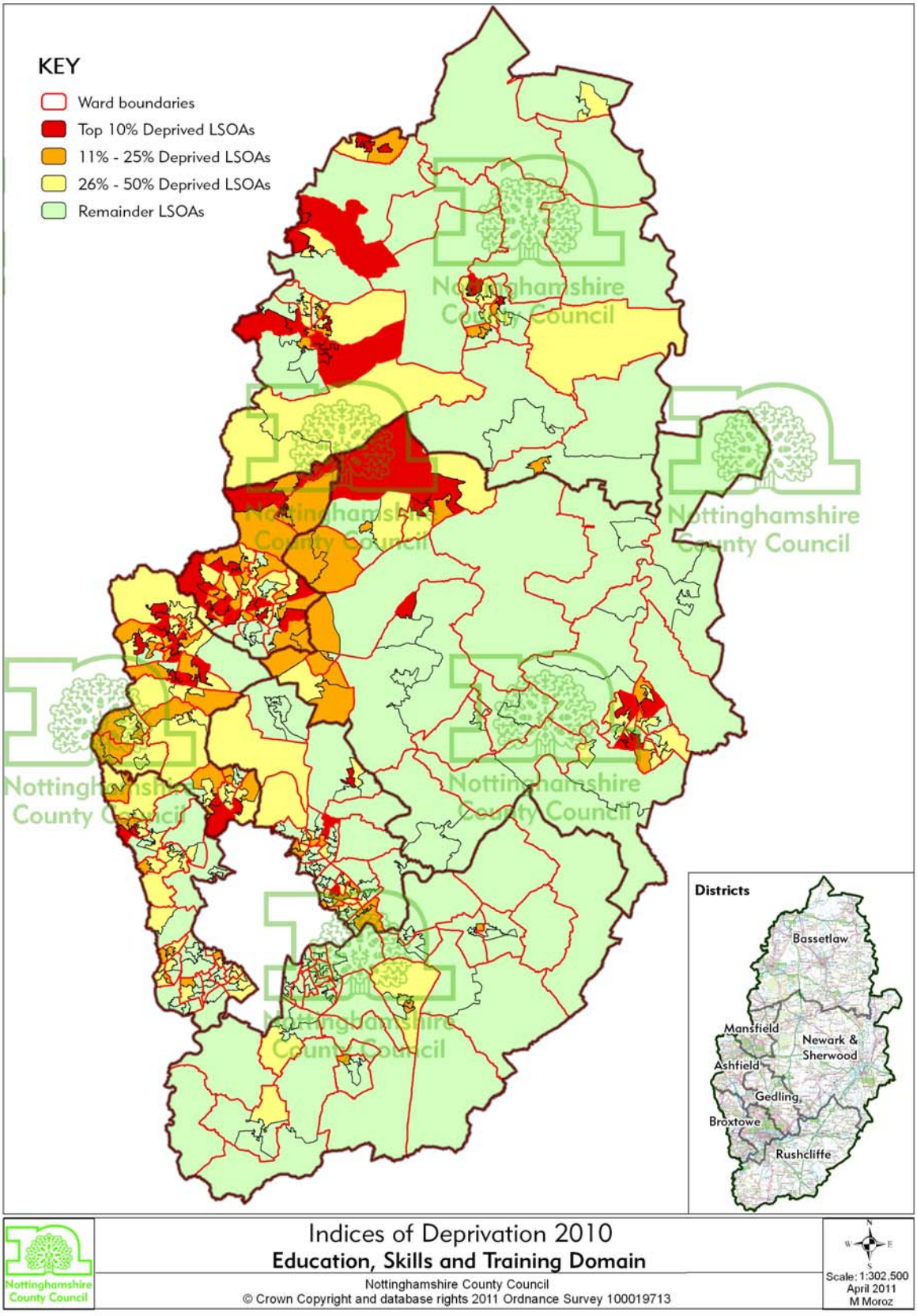
Ten most deprived LSOA's in Nottinghamshire – Training Deprivation

LSOA Code	Ward Name	LA District	Rank of IMD score (1 is most deprived)
E01028066	Worksop South East	Bassetlaw	4
E01028065	Worksop South East	Bassetlaw	38
E01028067	Worksop South East	Bassetlaw	95
E01028320	Devon	Newark & S	110
E01028281	Robin Hood	Mansfield	154
E01028276	Ravensdale	Mansfield	157
E01027974	Sutton in Ashfield E	Ashfield	181
E01028318	Devon	Newark & S	191
E01028001	Carlton	Bassetlaw	226
E01028265	Pleasley Hill	Mansfield	275

Ten least deprived LSOA's in Nottinghamshire – Training Deprivation

LSOA Code	Ward Name	LA District	Rank of IMD score (32,482 is least deprived)
E01028388	Leake	Rushcliffe	31,867
E01028354	Abbey	Rushcliffe	31,899
E01028347	Southwell West	Newark & S	31,973
E01028089	Bramcote	Broxtowe	31,994
E01028384	Lady Bay	Rushcliffe	32,043
E01028217	Woodthorpe	Gedling	32,082
E01028400	Musters	Rushcliffe	32,117
E01028396	Melton	Rushcliffe	32,221
E01028417	Trent Bridge	Rushcliffe	32,227
E01028399	Musters	Rushcliffe	32,383

Map 5: Education, Skills and Training Deprivation 2010



Barriers to Housing and Services Domain

This domain measures the physical and financial accessibility of housing and key local services. The indicators fall into two sub-domains: 'geographical barriers', which relate to the physical proximity of local services, and 'wider barriers' which includes issues relating to access to housing such as affordability. Seven indicators are combined to calculate this domain:

Sub-domain: Wider barriers

- Household overcrowding – the proportion of households within an LSOA which are judged to have insufficient space to meet the household's needs
- Homelessness – the rate of acceptances for housing assistance under the homelessness provisions of the 1996 Housing Act (at local authority district level)
- Difficulty of access to owner-occupation (local authority district level) – proportion of households aged under 35 whose income means they are unable to afford to enter owner occupation.

Sub-domain: Geographical barriers

- Road distance to a GP surgery
- Road distance to a supermarket or convenience store
- Road Distance to a primary school
- Road distance to a Post Office.

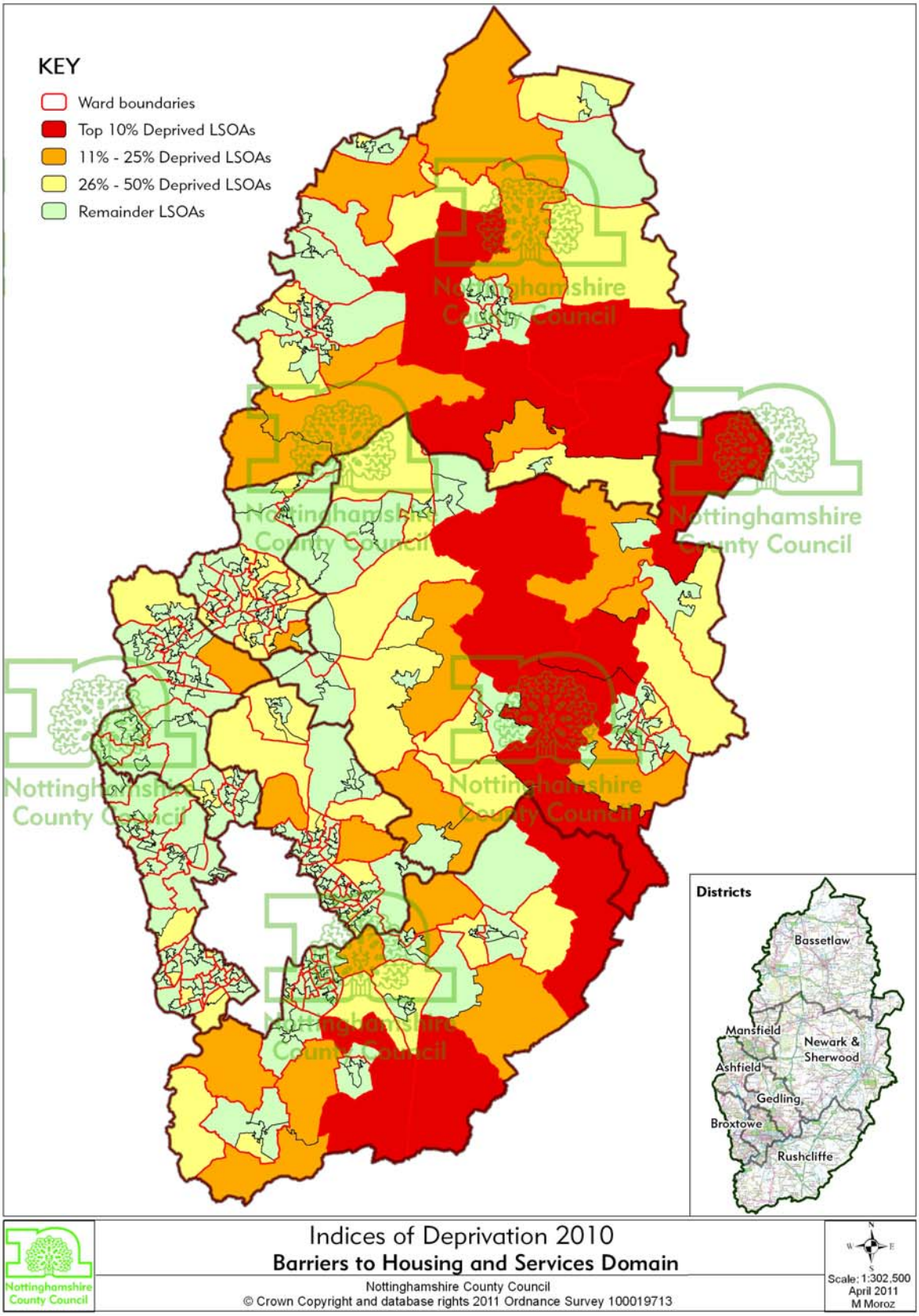
Ten most deprived LSOA's in Nottinghamshire – Housing & Services

LSOA Code	Ward Name	LA District	Rank of IMD score (1 is most deprived)
E01028039	Tuxford & Trent	Bassetlaw	782
E01028411	Thoroton	Rushcliffe	852
E01028033	Rampton	Bassetlaw	869
E01028352	Trent	Newark & S	960
E01028325	Farndon	Newark & S	982
E01028317	Collingham & Meering	Newark & S	1,026
E01028312	Caunton	Newark & S	1,271
E01028336	Muskham	Newark & S	1,735
E01028402	Nevile	Rushcliffe	1,914
E01028337	Muskham	Newark & S	2,013

Ten least deprived LSOA's in Nottinghamshire – HousingServices

LSOA Code	Ward Name	LA District	Rank of IMD score (32,482 is least deprived)
E01027967	Sutton in Ashfield C	Ashfield	32,351
E01027966	Sutton in Ashfield C	Ashfield	32,353
E01027949	Kirkby in Ashfield C	Ashfield	32,359
E01028404	Ruddington	Rushcliffe	32,365
E01028057	Worksop North West	Bassetlaw	32,407
E01028130	Stapleford South East	Broxtowe	32,408
E01027955	Kirkby in Ashfield West	Ashfield	32,429
E01028112	Eastwood South	Broxtowe	32,446
E01028100	Chilwell West	Broxtowe	32,465
E01028134	Stapleford South West	Broxtowe	32,474

Map 6: Barriers to Housing and Services



Crime Domain

This domain measures the rate of recorded crime in an area for four major crime types representing the risk of personal and material victimisation at a small area level.

- Violence – number of reported violent crimes (19 reported crime types) per 1000 at risk population
- Burglary – number of reported violent crimes (4 reported crime types) per 1000 at risk population
- Theft – number of reported violent crimes (5 reported crime types) per 1000 at risk population
- Criminal damage – number of reported violent crimes (5 reported crime types) per 1000 at risk population.

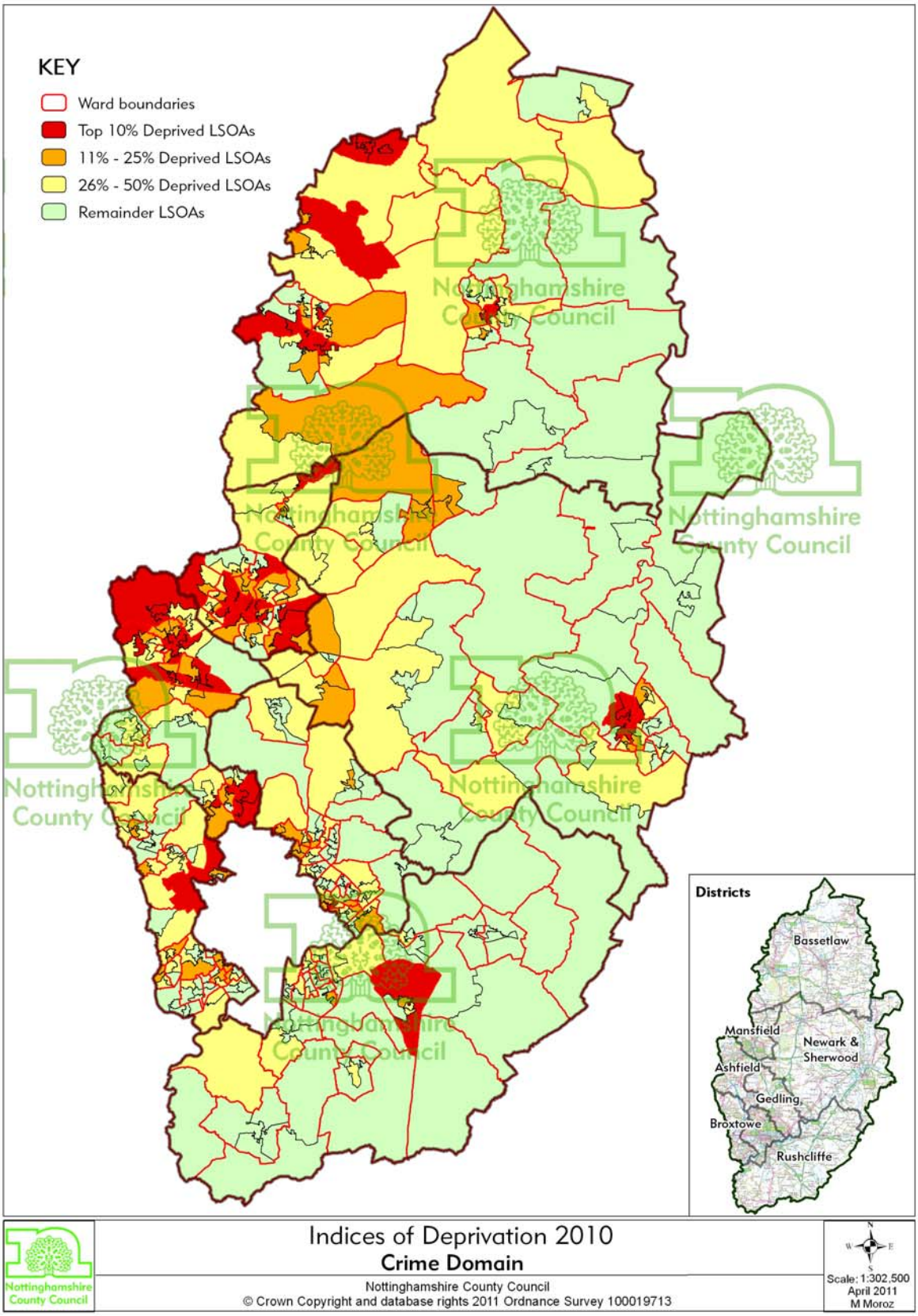
Ten most deprived LSOA's in Nottinghamshire – Crime

LSOA Code	Ward Name	LA District	Rank of IMD score (1 is most deprived)
E01028274	Ravensdale	Mansfield	38
E01028284	Sherwood	Mansfield	39
E01028068	Worksop South East	Bassetlaw	93
E01027968	Sutton in Ashfield C	Ashfield	100
E01028276	Ravensdale	Mansfield	133
E01028057	Worksop North West	Bassetlaw	145
E01028265	Pleasley Hill	Mansfield	214
E01028026	Harworth	Bassetlaw	233
E01028248	Ladybrook	Mansfield	242
E01028268	Portland	Mansfield	244

Ten least deprived LSOA's in Nottinghamshire – Crime

LSOA Code	Ward Name	LA District	Rank of IMD score (32,482 is least deprived)
E01028415	Trent	Rushcliffe	28,799
E01028251	Leeming	Mansfield	29,125
E01028099	Chilwell West	Broxtowe	29,321
E01028337	Muskham	Newark & S	29,383
E01028352	Trent	Newark & S	29,661
E01028390	Leake	Rushcliffe	29,950
E01028350	Sutton on Trent	Newark & S	30,589
E01028292	Beacon	Newark & S	30,841
E01028201	Ravenshead	Gedling	31,589
E01028395	Manvers	Rushcliffe	31,722

Map 7: Crime 2010



Living Environment Deprivation Domain

This domain measures the quality of individuals' immediate surroundings both within and outside the home. The indicators fall into two sub-domains; the 'indoors' living environment which measures the quality of housing, and the 'outdoors' living environment which contains two measures relating to air quality and road traffic accidents. Four indicators are combined to calculate this domain:

Sub-domain: The indoors living environment

- Social and private housing in poor condition
- Houses without central heating.

Sub-domain: The outdoors living environment

- Air quality
- Road traffic accidents.

Ten most deprived LSOA's in Nottinghamshire – Living Environment Deprivation

LSOA Code	Ward Name	LA District	Rank of IMD score (1 is most deprived)
E01028274	Ravensdale	Mansfield	2,443
E01028268	Portland	Mansfield	2,877
E01028247	Ladybrook	Mansfield	3,049
E01028020	East Retford West	Bassetlaw	3,175
E01028133	Stapleford South West	Bassetlaw	4,013
E01028134	Stapleford South West	Bassetlaw	4,529
E01028418	Trent Bridge	Rushcliffe	5,118
E01028417	Trent Bridge	Rushcliffe	5,584
E01027978	Sutton in Ashfield East	Ashfield	5,664
E01028086	Beeston West	Broxtowe	5,687

Ten least deprived LSOA's in Nottinghamshire – Living Environment Deprivation

LSOA Code	Ward Name	LA District	Rank of IMD score (32,482 is least deprived)
E01028253	Leeming	Mansfield	31,610
E01028344	Rainworth	Newark & S	31,638
E01028199	Ravenshead	Gedling	31,726
E01028255	Lindhurst	Mansfield	31,848
E01028048	Worksop North	Bassetlaw	31,896
E01028241	Forest Town West	Mansfield	31,984
E01028221	Berry Hill	Mansfield	31,988
E01028198	Ravenshead	Gedling	32,005
E01028357	Bingham East	Rushcliffe	32,336
E01028379	Keyworth North	Rushcliffe	32,353

Map 8: Living Environment Deprivation 2010

