

Community Action

The Rural Community Council for the West of England

ACCESS TO RURAL SERVICES WITHIN BATH & NORTH EAST SOMERSET

MAP APPENDIX

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This is the appendix to a report commissioned by Bath & North East Somerset Councils Policy & Partnerships division as part of the SWRDA funded Rural Renaissance programme.

Disclaimer statement

Whilst every effort has been made to ensure the accuracy of the information supplied herein, the Community Action cannot be held responsible for any errors or omissions. Unless otherwise indicated, opinions expressed herein are those of Community Action and do not necessarily represent the views of Bath & North East Somerset Council.

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Indices of Multiple Deprivation, MOSAIC Demographic Profiling and Voicebox Survey mapping

Comments on these different forms of mapping and profiling:

- These forms of mapping and profiling cover different geographical areas and boundaries, this makes them difficult to compare especially at a parish level. They also cover different topics which makes comparisons more difficult.
- These forms of mapping and profiling are not sensitive enough to distinguish Access to Services needs at a parish level they do not go below Lower 'Super Output Areas' which makes it difficult to identify where Access to Services disadvantage exists
- MOSIAC Profiling is more suitable for identifying commercial opportunities than Access to Services need. It also does not cover rural/urban fringe areas around Keynsham, Saltford, Norton Radstock and Bath, and does not include Peasedown St. John.
- B&NES Voicebox Surveys offers information on the 'perception of needs' but no hard data on where Access to Services disadvantage exists
- o Each measure highlights different areas as being higher priority;

IMD	Mosaic	Perception
Peasedown	■ Corston	■Norton Radstock
Clandown	Chew Valley	■Timsbury
South Paulton	Chew Valley North	■Peasedown
Oldfield Park	Bathampton	■Paulton
Englishcombe	Stanton Drew	■High Littleton
	■ Farmborough	■Bathavon South
		■Mendip
		■Clutton

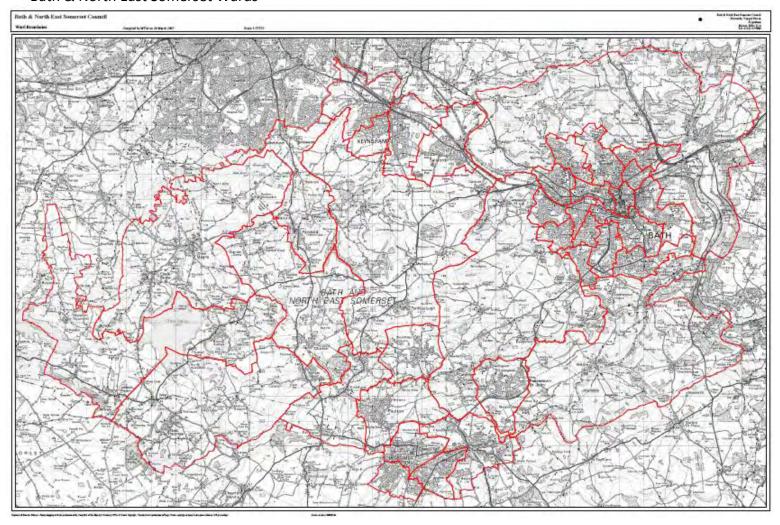
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1. Geographical and Boundary Maps

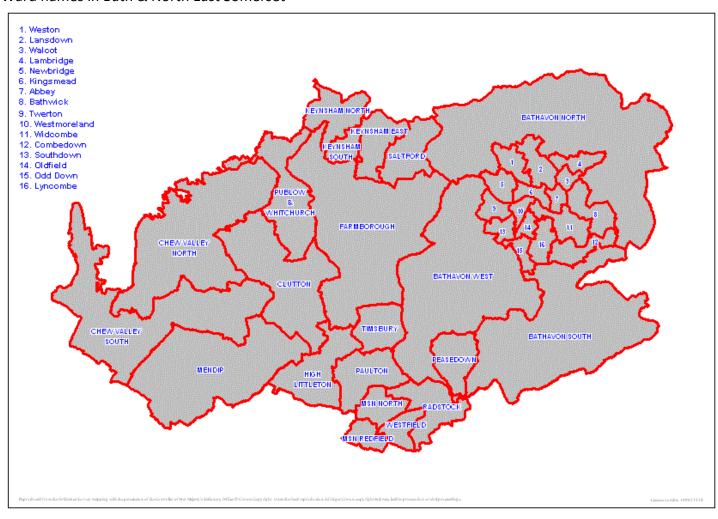


Bath & North East Somerset Wards



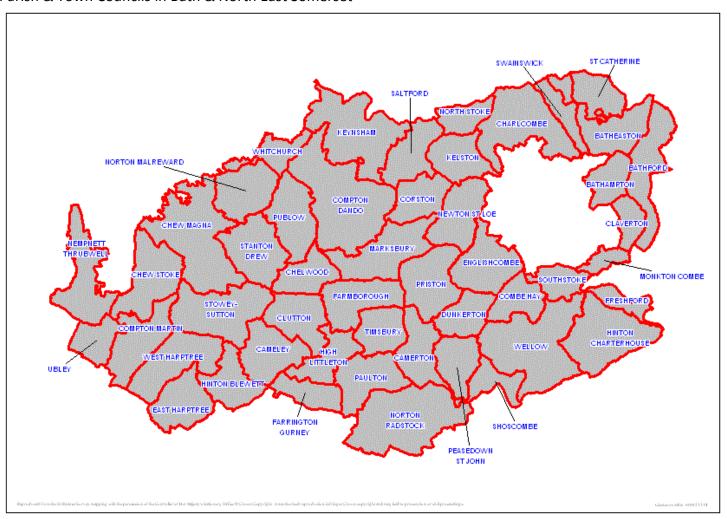


Ward names in Bath & North East Somerset

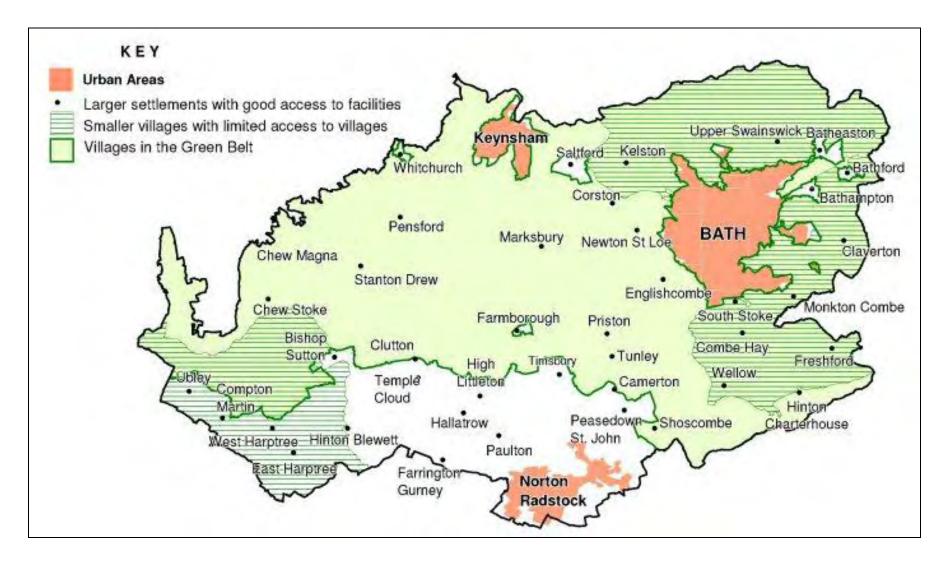




Parish & Town Councils in Bath & North East Somerset



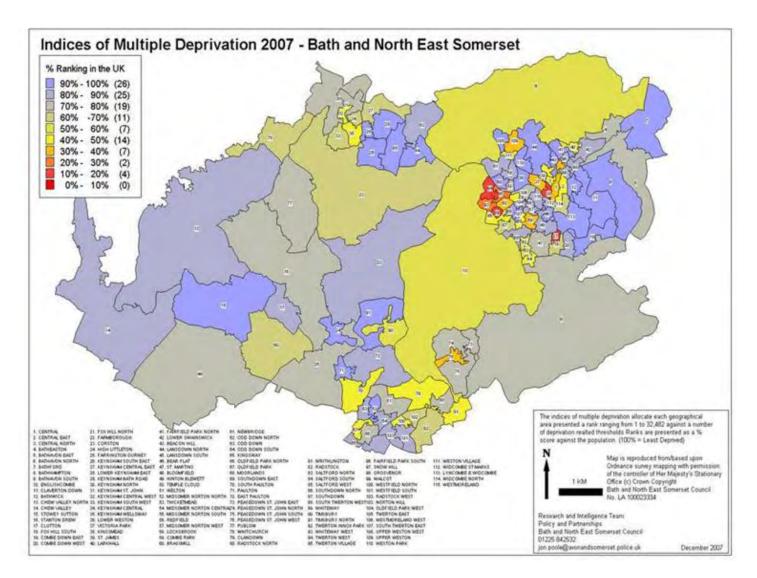




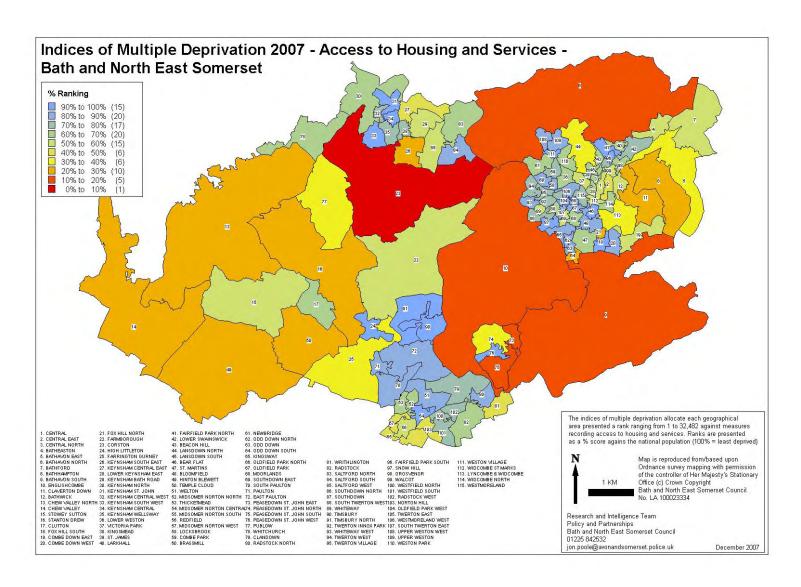


2. Indices of Multiple Deprivation 2007 Data maps

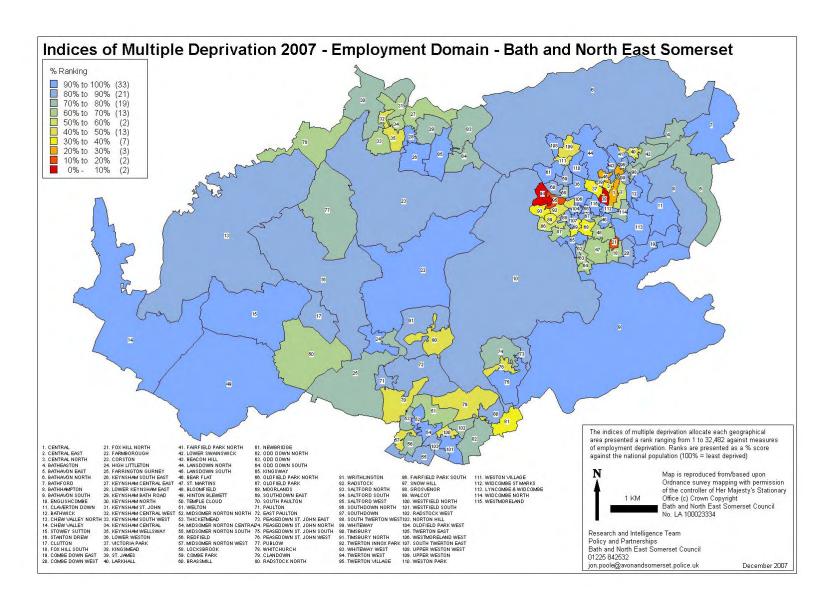




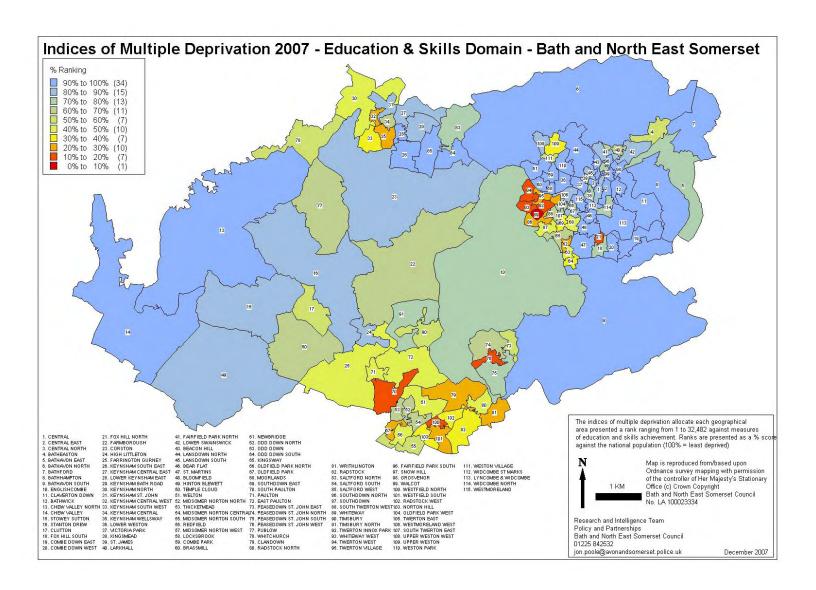




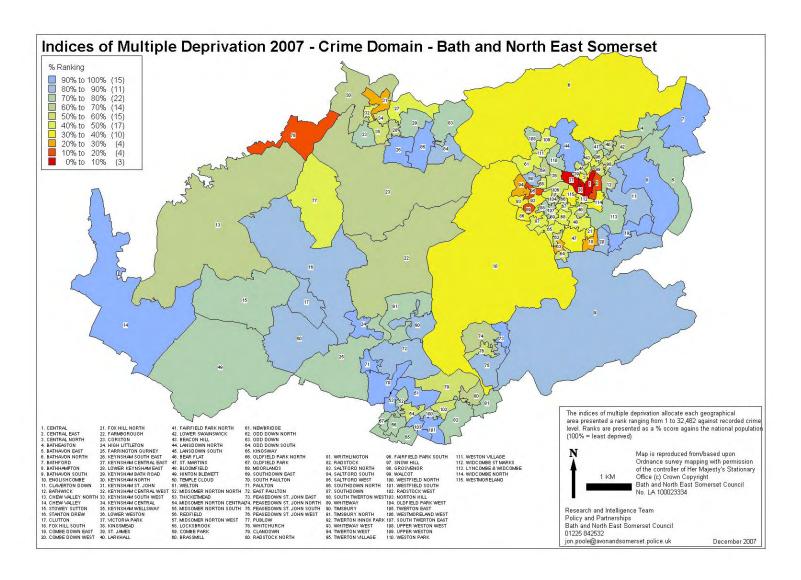








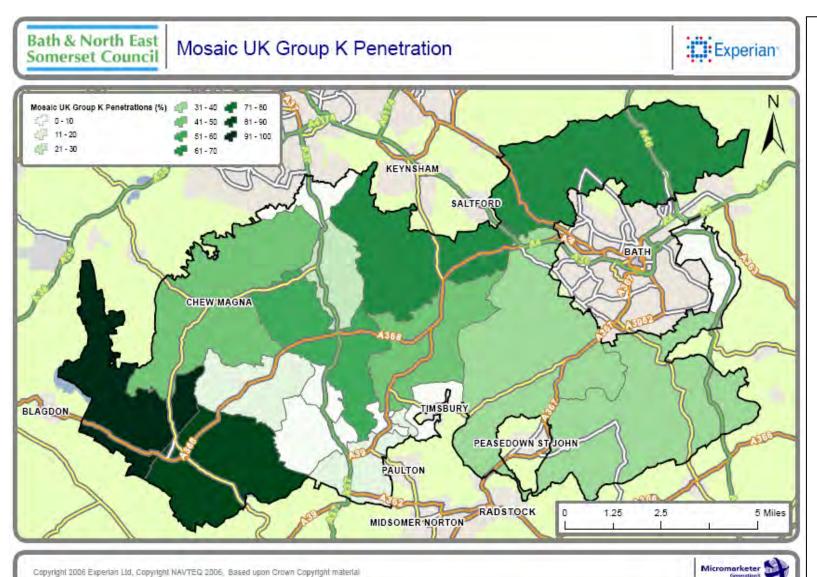






3. Mosaic Data

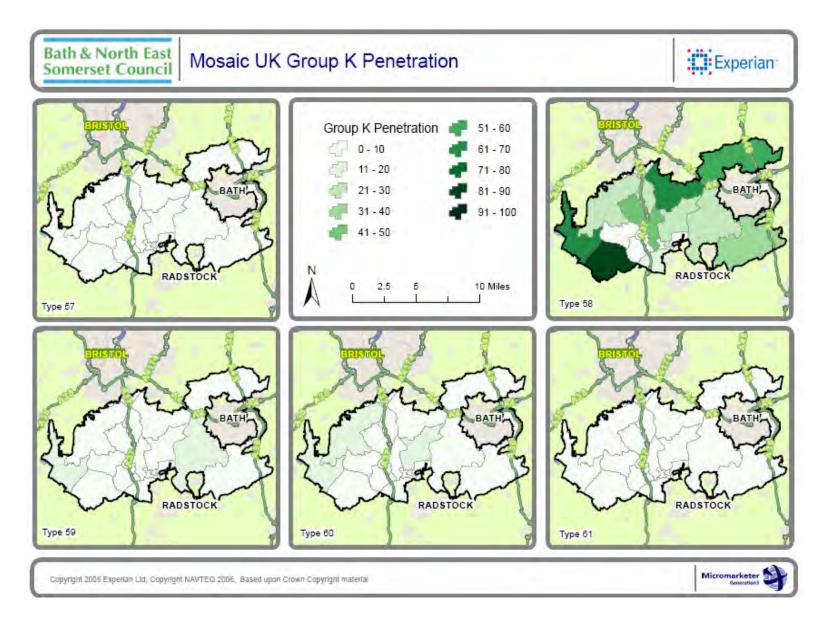




Demographic Profile Group – K

Rural Isolation contains people whose pattern of living is distinctly rural. They live not just outside major population centres but also deep in the countryside, in small communities which have been little influenced by the influx of urban commuters. These are places where people with different levels of income share attachments to local communities. There are few opportunities for ambitious young people to return to the countryside once they've acquired qualifications. Young couples who may otherwise be happy to raise their children in these places worry about the lack of facilities and social networks for their children.







Greenbelt Guardians



Well of commuters and retired people living in attractive country villages

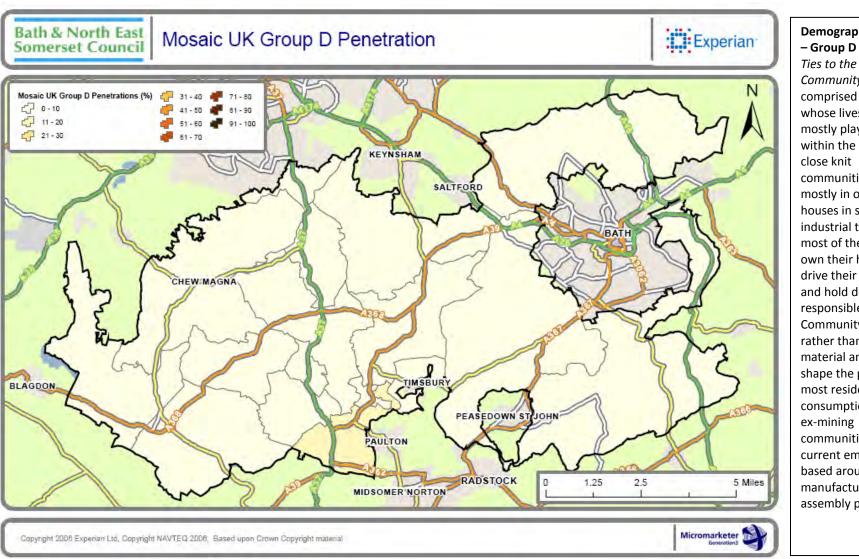


Greenbelt Guardians contains farming communities set in areas of high landscape value which, on account of their accessibility to towns, attract a minority of very wealthy households.

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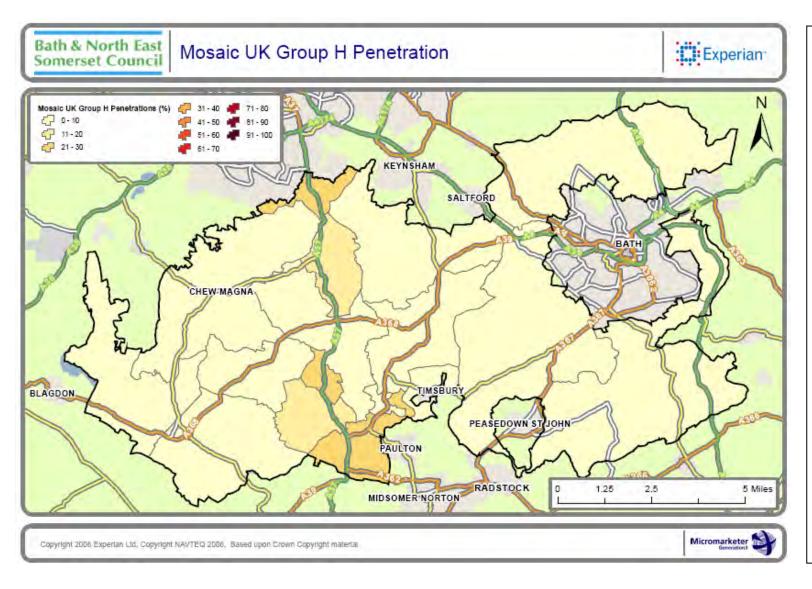




Demographic Profiles

Ties to the Community is comprised of people whose lives are mostly played out within the confines of close knit communities. Living mostly in older houses in small industrial towns, most of these people own their homes, drive their own cars and hold down responsible jobs. Community norms rather than individual material ambitions shape the pattern of most residents' consumption. Often ex-mining communities with current employment based around manufacturing and assembly plants.

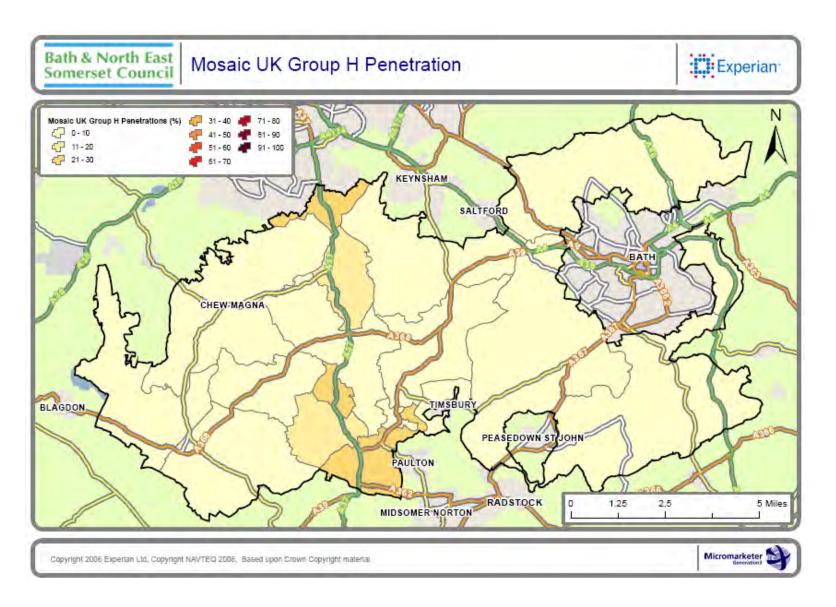




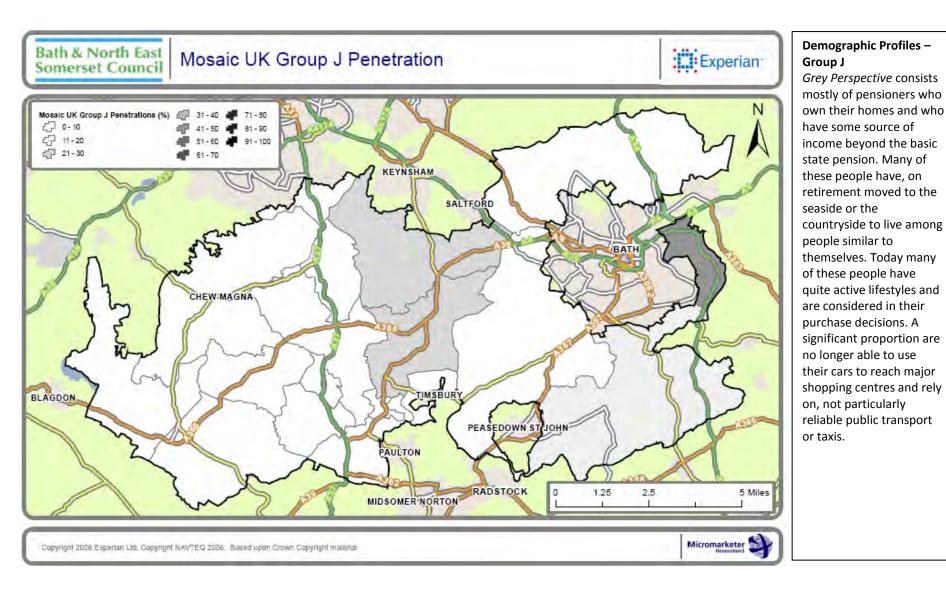
Demographic Profiles – Group H

Blue Collar Enterprise comprises people who, though not necessarily very well educated, are practical and enterprising in their orientation. Many of these people live in what were once council estates but where tenants have exercised their right to buy. They own their cars, provide a reliable source of labour to local employers and are streetwise consumers. Tastes are mass market rather than individualistic and focus on providing comfort and value to family members.





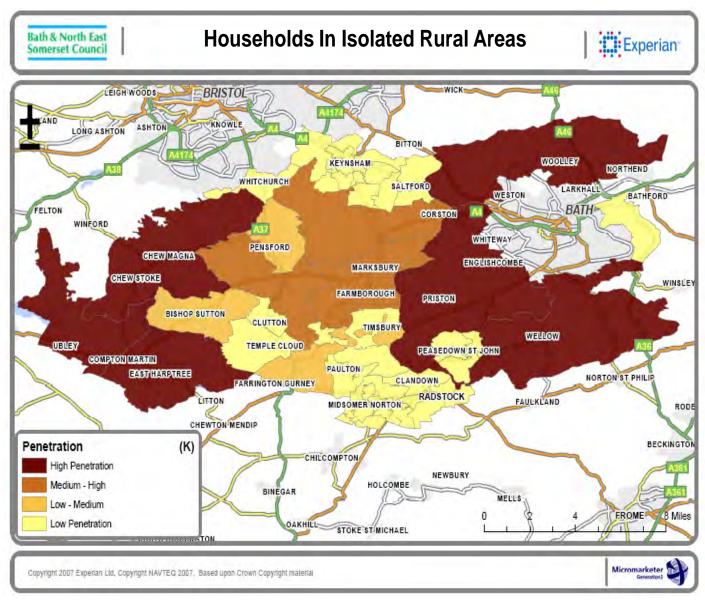






4. Penetration Data



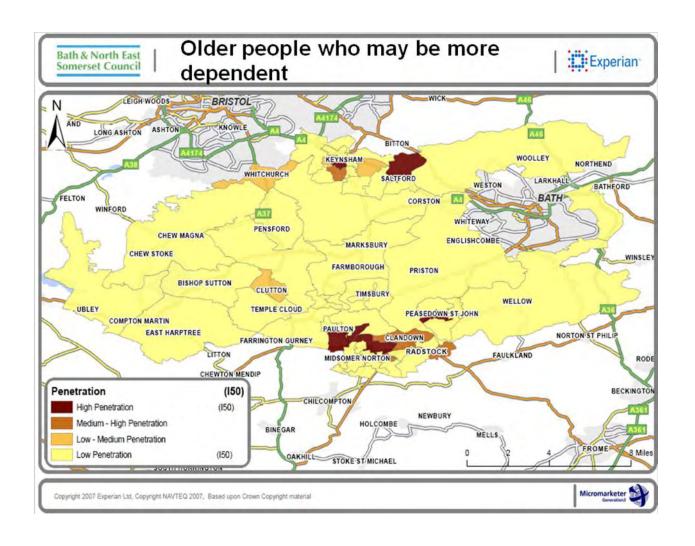




Bath & North East Older people who are more Independent Somerset Council LEIGH WOODS BRISTOL KNOWLE LONG ASHTON ASHTON KEYNSHAM WOOLLEY NORTHEND WHITCHURCH SALTFORD LARKHALL BATHFORD WESTON BATH FELTON CORSTON WINFORD WHITEWAY PENSFORD CHEW MAGNA ENGLISHCOMBE MARKSBURY CHEW STOKE WINSLEY FARMBOROUGH PRISTON **BISHOP SUTTON** CLUTTON TIMSBURY WELLOW UBLEY TEMPLE CLOUD PEASEDOWN ST JOHN COMPTON MARTIN PAULTON EAST HARPTREE NORTON ST PHILIP CLANDOWN FARRINGTON GURNEY RADSTOCK LITTON FAULKLAND MIDSOMER NORTON RODE CHEWTON MENDIP BECKINGTON Penetration CHILCOMPTON High Penetration NEWBURY HOLCOMBE Medium - High Penetration BINEGAR Low - Medium Penetration FROME Low Penetration STOKE ST MICHAEL Micromarketer

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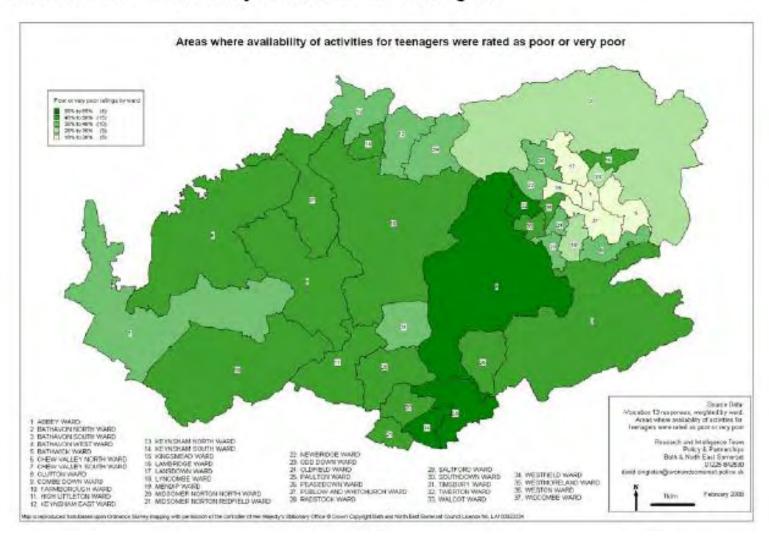




5. B&NES Voicebox Survey

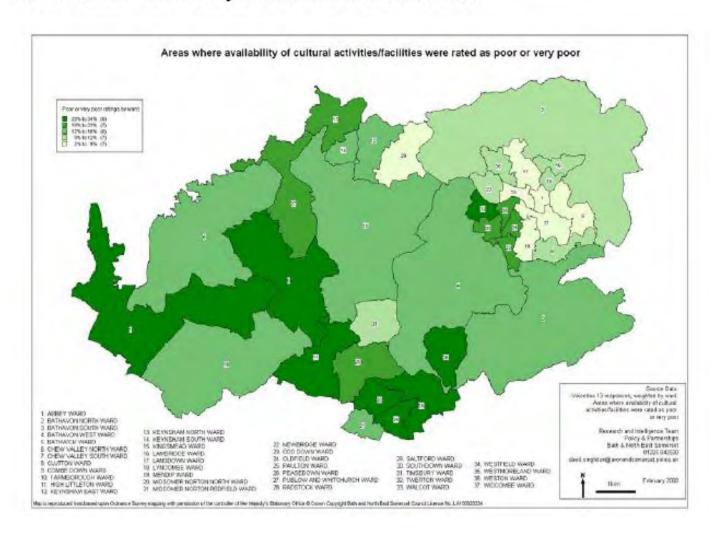


Question 11b - Availability of activities for teenagers



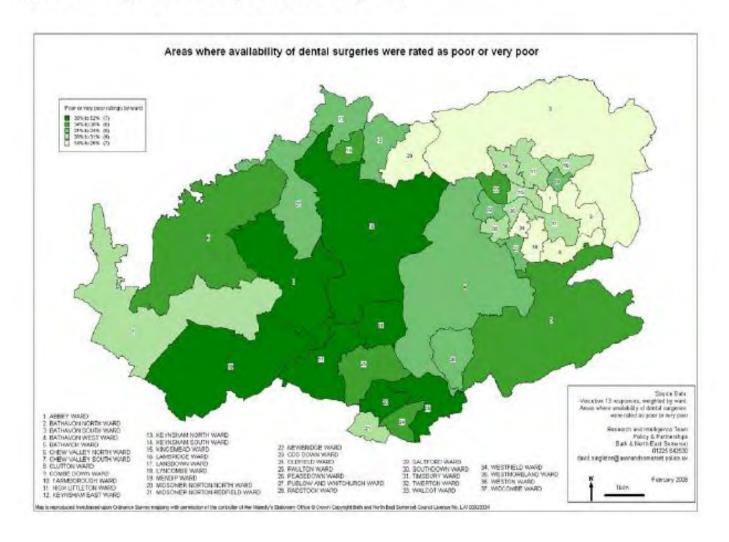


Question 11f - Availability of cultural activities/facilities



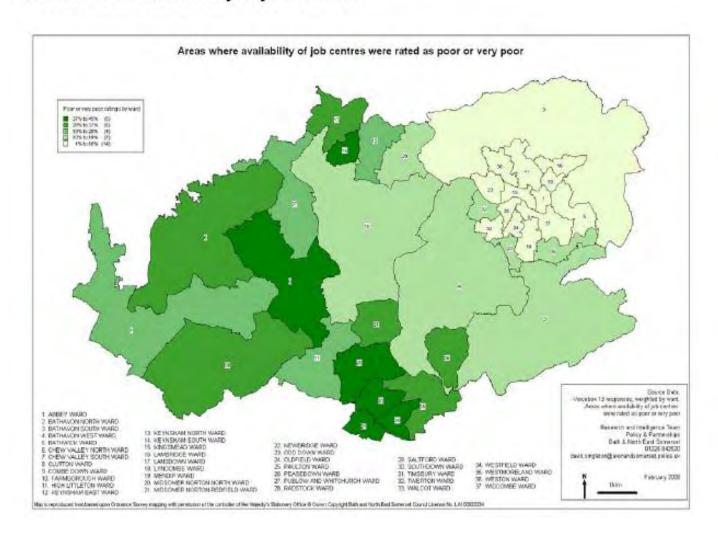


Question 11g - Availability of dental surgeries



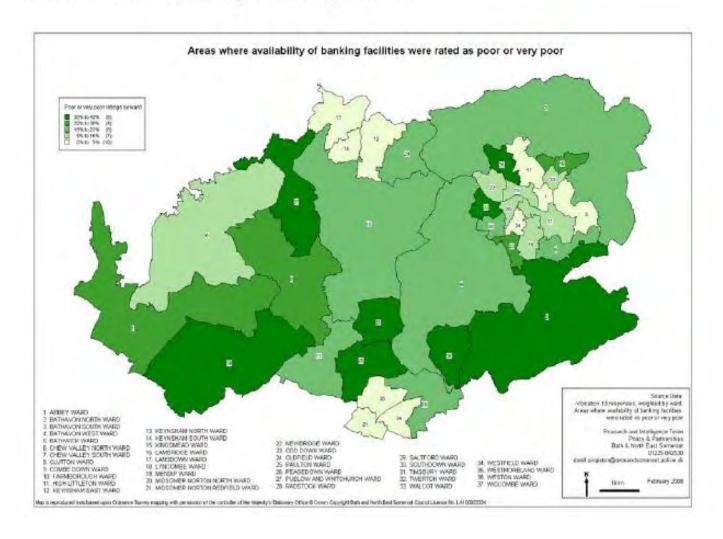


Question 11i - Availability of job centres



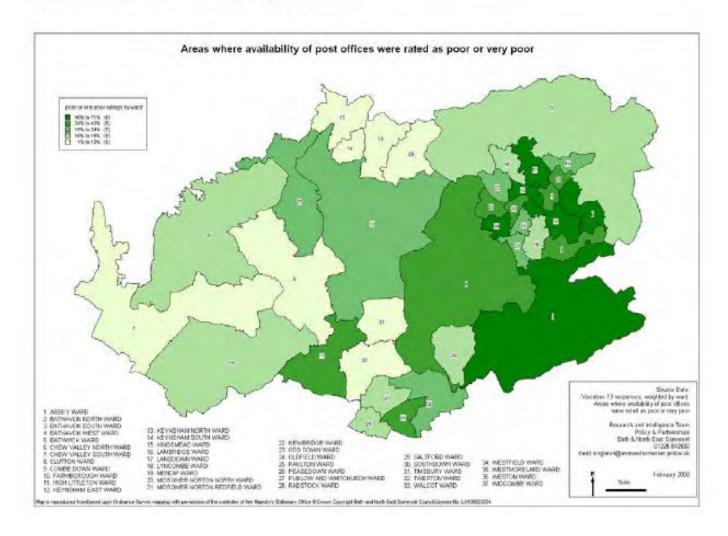


Question 11d - Availability of banking facilities



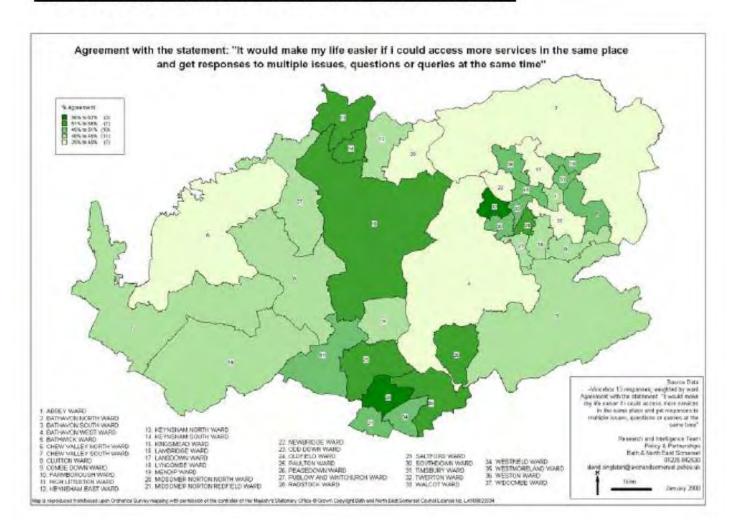


Question 11p - Availability of post offices



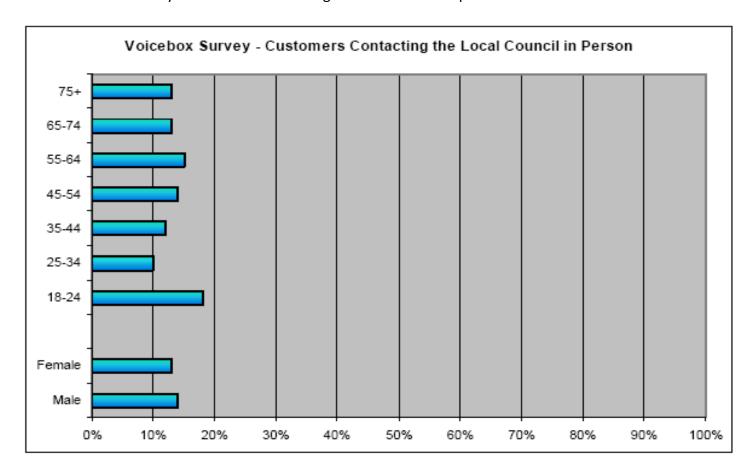


Q9a - Access to multiple services at the same time/place



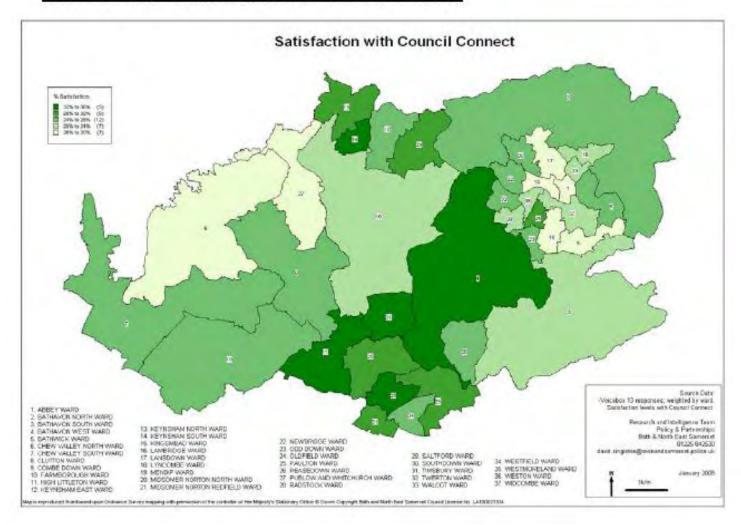


B&NES Voicebox Survey – Customers contacting the local council in person?



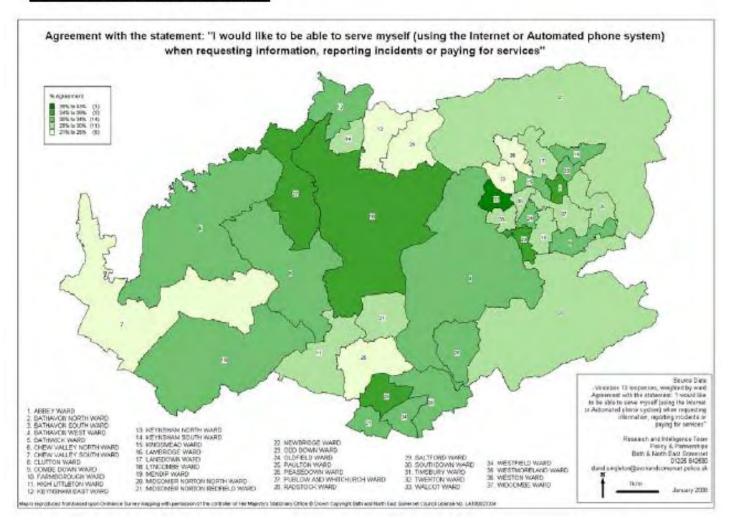


Question 14b - Satisfaction with Council Connect



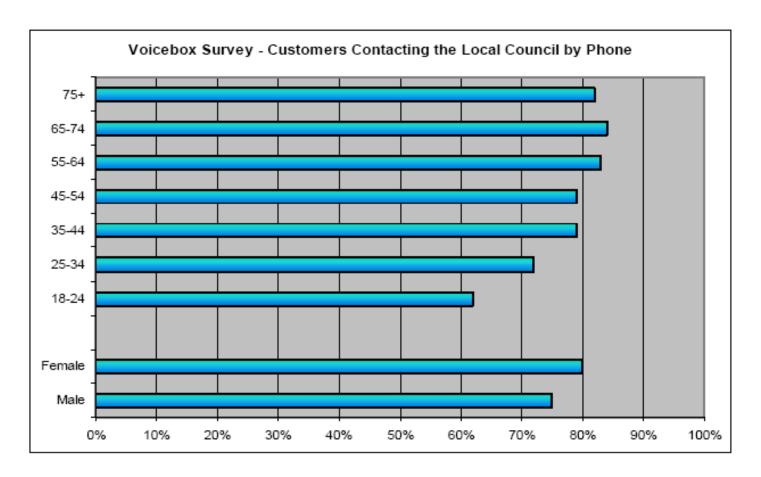


Q9b - Self-Service Provision

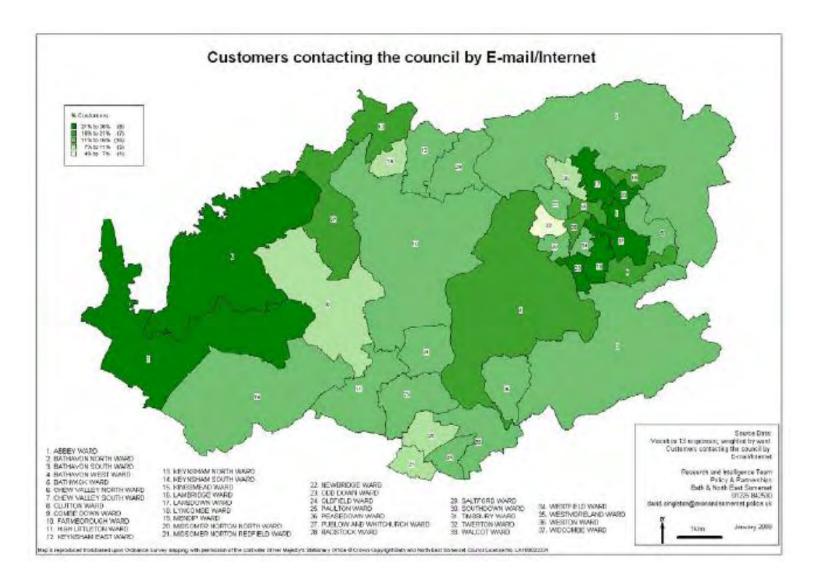




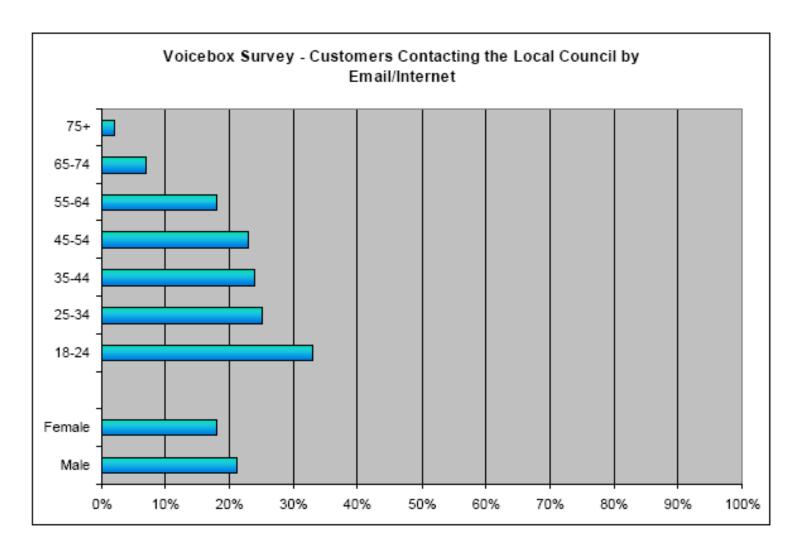
B&NES Voicebox Survey – Customers contacting the local council by phone?



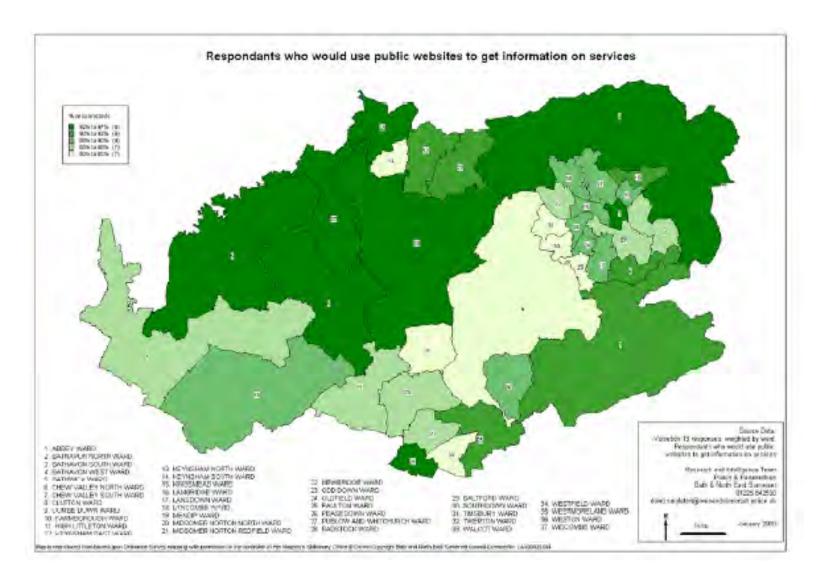




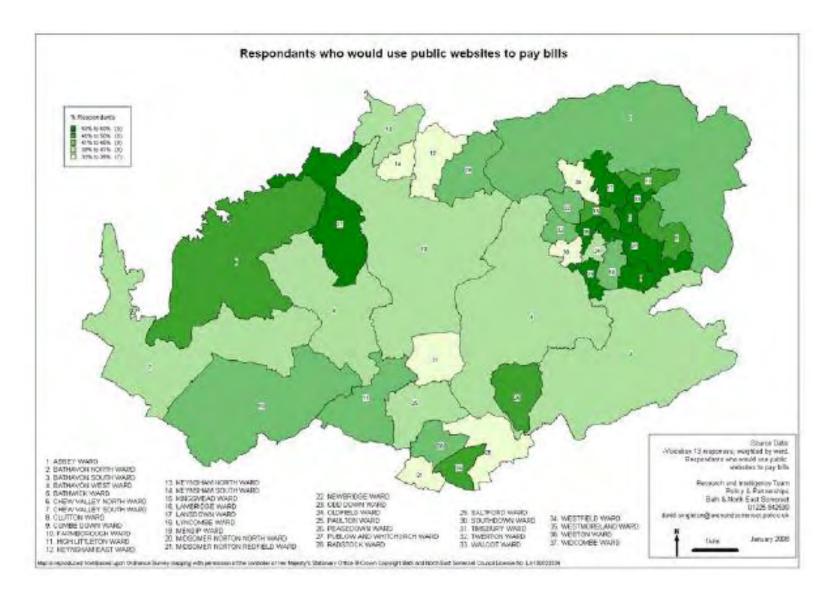




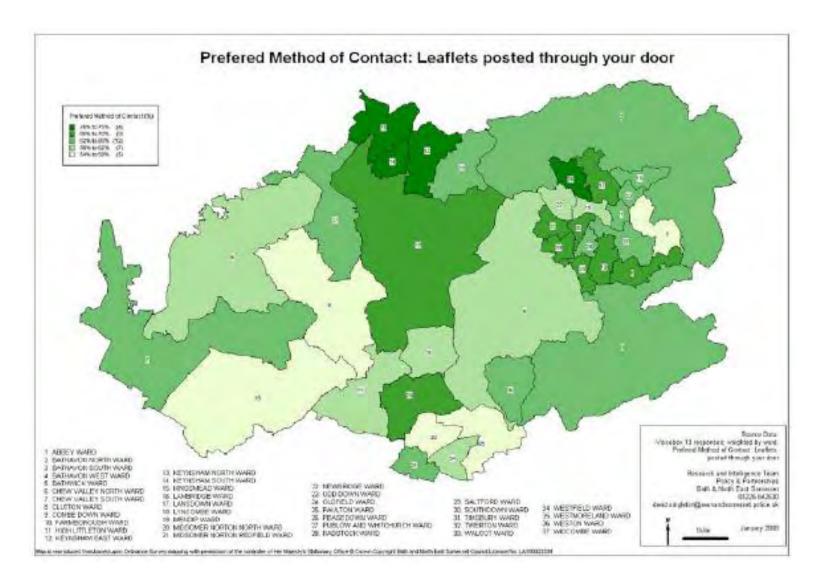




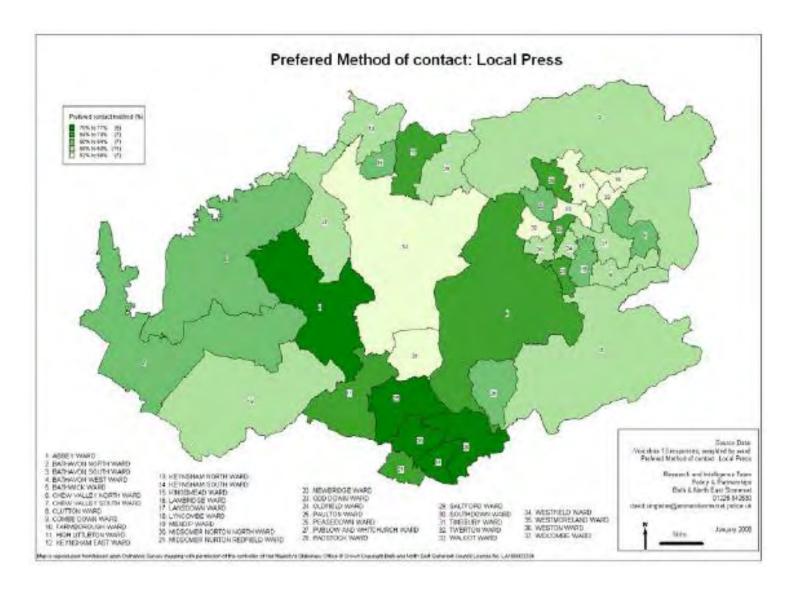










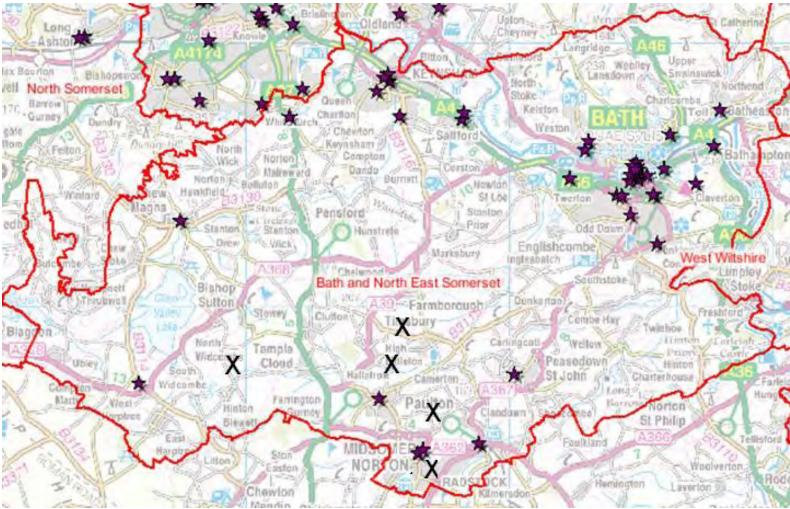




6. Provision of Services 2005-06

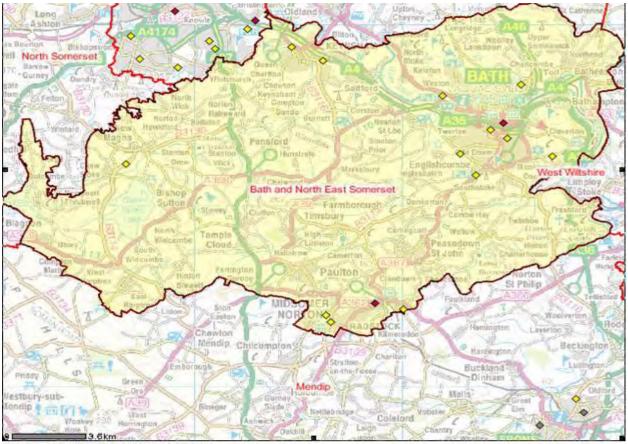


Provision – Dentists 2006





Provision – Education 2005

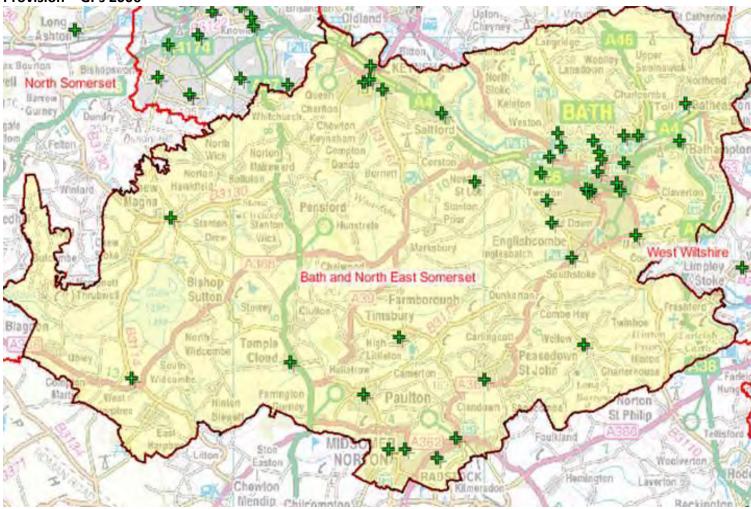


Educational Establishments 2005

- ♦ 16 Plus
- Secondary
- Middle deemed Secondary



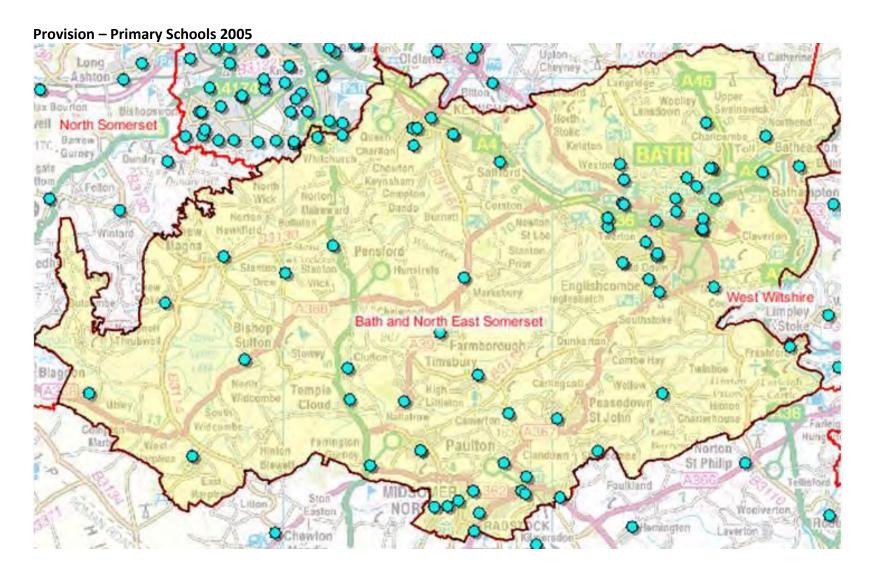
Provision - GPs 2006





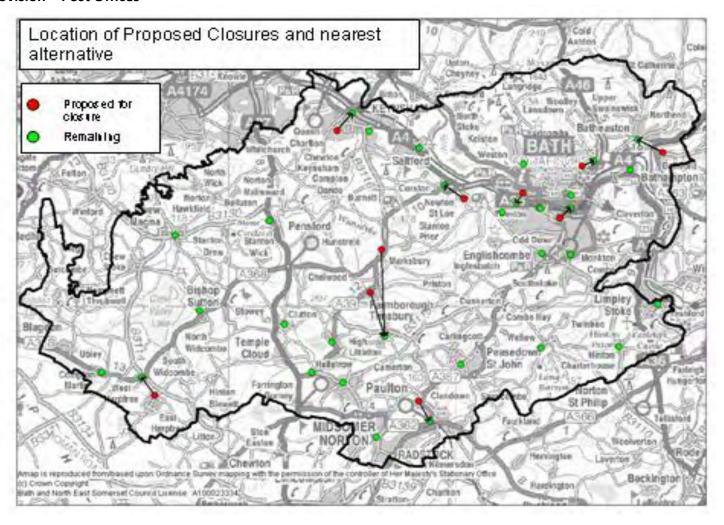
Provision – Pharmacies 2006 ell North Somerset Kelston Pensiond Bath and North East Somerset Monly Temple Wildcombe Cloud Fernington Paulton Woolverton Humington





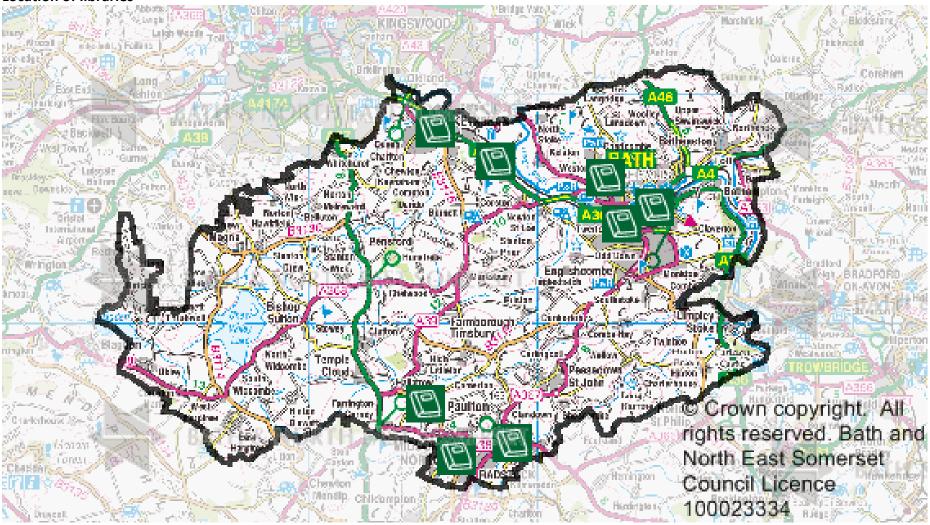


Provision – Post Offices

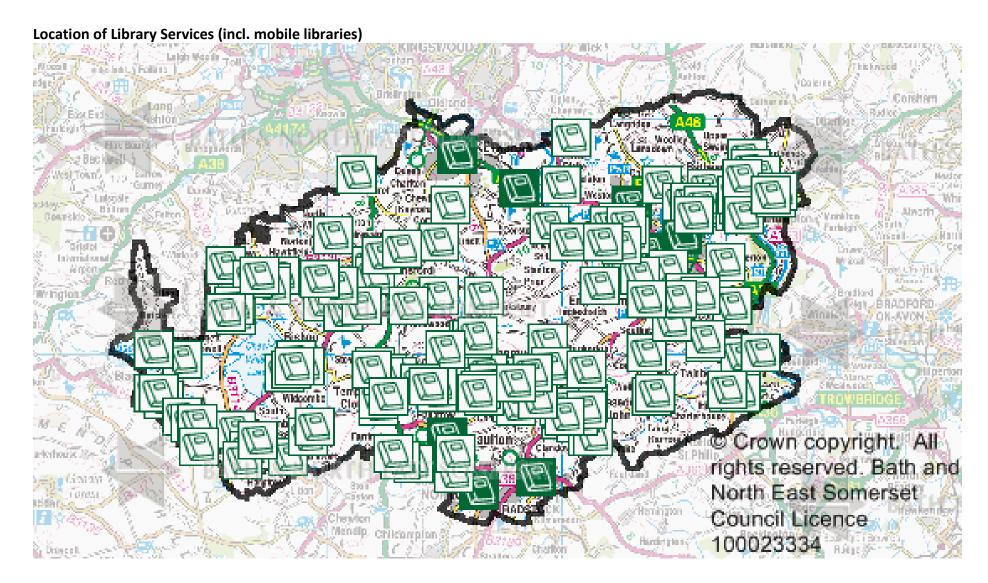




Location of libraries



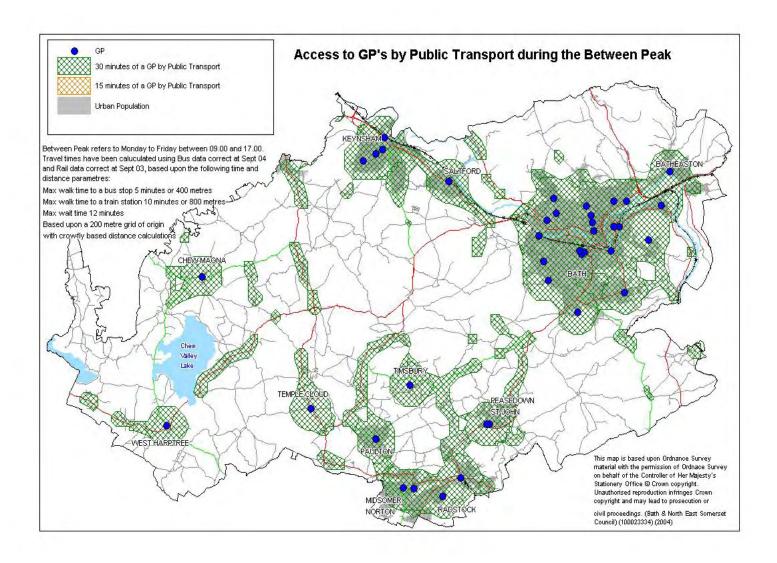




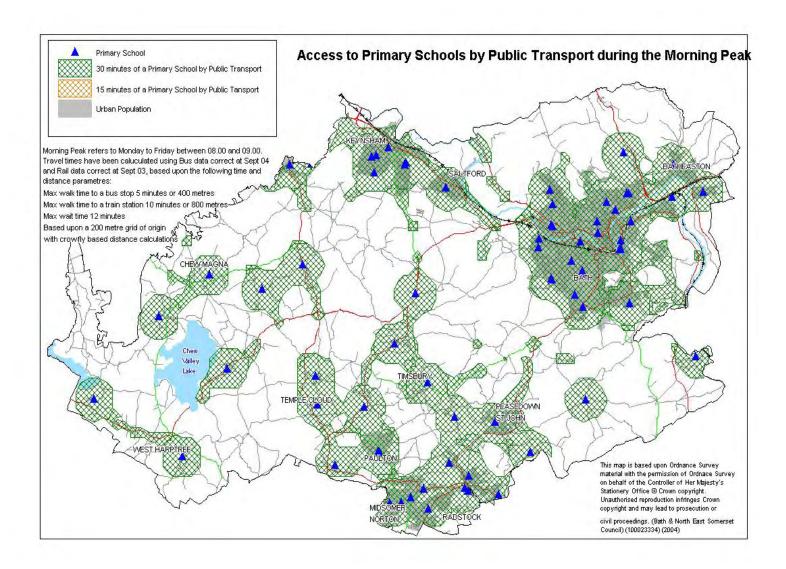


7. Public Transport Access

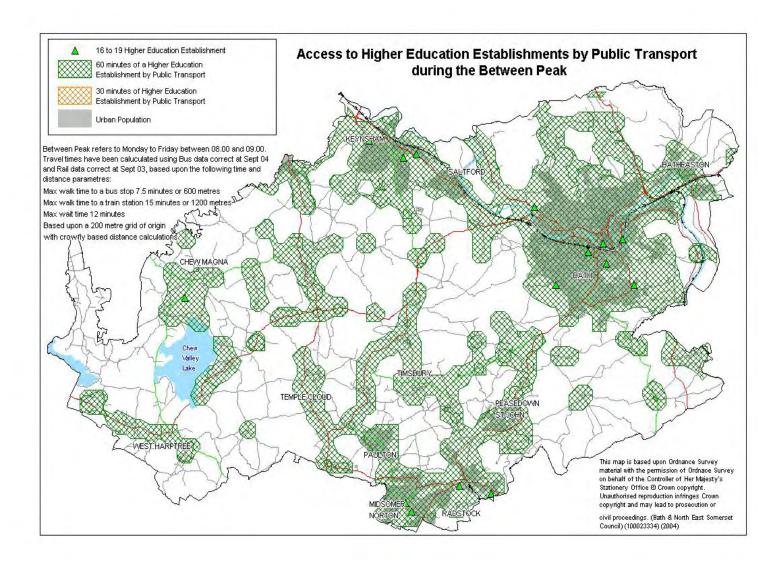














8 Government Office South West Indices of Multiple Deprivation Summary for B&NES 2007



Indices of Deprivation 2007 – Bath & NE Somerset Summary

Introduction

The Indices of Deprivation 2007 (ID 2007) use a group of statistical indicators to rank the 32,482 Lower Layer Super Output Areas (LSOAs)¹ in England in terms of aspects of their deprivation.

Over 30 such indicators are combined to produce an overall **Index of Multiple Deprivation (IMD)**. Subsets of these indicators are also used to rank areas within seven different "**domains**" of deprivation: Income; Employment; Health Deprivation and Disability; Education, Skills and Training; Barriers to Housing and Services; Crime; and Living Environment. In addition, there are "**sub domains**" within some of these domains.

Annex A is a table of the components of the Index of Multiple Deprivation 2007 summarising the domains, sub-domains and indicators. Most of the indicators feeding into the domains use data from 2005 and population data for the same year is used to calculate rates.

Apart from some minor changes due to updating of obsolete indicators, the methodology of the calculation of ID 2007 is the same as those released in 2004 (ID 2004). Hence, the ID 2007 are directly comparable with the ID 2004.

Most changes in rankings between 2004 and 2007 are therefore likely to reflect real relative change between the two time periods although some differences will be caused by the substitution of new indicators, particularly in the Income Deprivation domain.

Note that changes in rankings reflect relative rather than absolute change so that, for example, deprivation may have lessened in an area where a ranking is worse than in 2004 because other areas have improved at a faster rate.

Multiple Deprivation in Bath & NE Somerset

There are 115 LSOAs in the B&NES Unitary Authority area. According to the IMD, 4 of these 115 areas are among the most deprived 20% nationally, one more than in 2004. They are home to about 5,600 people. 4 different wards (out of the 37 in B&NES) contain one such area, all in Bath.

¹ Super Output Areas (SOAs) were developed to provide geographies that are of approximately consistent size across the country, and whose boundaries would not change over time. Each Lower Layer SOA has a minimum population of 1,000 and a mean population of 1,500, and they are constrained by the boundaries of the wards used for 2001 Census outputs.



No areas in B&NES are within the most deprived 10% nationally. This was also true in 2004. The most deprived LSOA is part of Twerton ward, Bath, among the most deprived 14% of English LSOAs.

The overall pattern of multiple deprivation in B&NES for ID 2007 is shown in the first map in Annex B. The second map in this Annex shows the pattern for IMD in the earlier Indices in 2004. Annex C focuses specifically on the pattern in 2007 in Bath.

Local Authority Summaries

In addition to the Indices, Communities and Local Government have produced six local authority summaries² of the data which give rankings of deprivation for all 354 English district and unitary authorities. B&NES is not among the most deprived 100 for any of these rankings and is only in the most deprived 150 for two of them: scale of income deprivation (ranked 136th) and scale of employment deprivation (149th).

B&NES's Deprivation by Domain

The domains within which deprivation is most prevalent in Bath & NE Somerset can be highlighted by which have the highest number of LSOAs within the most deprived 10% or 20% nationally. The table below gives details:

		DOMAINS						
No. of B&NES LSOAs (out of 115) in:	IMD	Income	Employment	Health & Disability	Education, Skills & Training	Barriers to Housing & Services	Crime	Living Environment
Most deprived 10% (England)	0	0	2	1	1	6	3	0
Change 04-07	+0	+0	+0	+0	-2	-1	-1	-1
Most deprived 20% (England)	4	5	4	2	8	16	7	3
Change 04-07	+1	+0	+0	-1	-1	+3	-3	-3

² The six local authority summaries are: Average IMD score; Average IMD rank; Extent of deprivation; Local concentration of deprivation; Scale of income deprivation; and Scale of employment deprivation.



The most prevalent type of deprivation in Poole relates to barriers to housing and services. In this domain just over 5% of B&NES' LSOAs are among the most deprived 10% in England. In all other domains this is true of less than 3%.

The sub domains of income, education, barriers and the living environment give further indications of the type of deprivation most affecting B&NES:

	SUB DOMAINS							
No. of B&NES LSOAs (out of 115) in	Income Affecting Children	Income Affecting Older People	Education: Children & Young People	Education: Skills	Geographic Barriers to Housing & Services	Wider Barriers to Housing & Services	Indoors Living Environment	Outdoors Living Environment
Most deprived 10% (England)	0	1	2	4	14	0	0	0
Change 04-07	-1	+1	-2	+0	+1	+0	-5	+0
Most deprived 20% (England)	6	4	9	8	24	0	7	2
Change 04-07	-1	+2	-1	+0	+2	+0	-6	+2

The barriers sub-domains suggest that deprivation in this domain in B&NES is entirely due to geographical barriers rather than other, housing related, barriers.

The other sub-domains indicate that lack of qualifications among adults has slightly more impact than lack of achievement among children in B&NES, that the limited deprivation relating to the living environment is mainly due to the poor condition of housing and that any income deprivation has a similar impact on older people as it has on children and young people.

Annex D includes maps of B&NES showing the location of deprivation in each domain and sub domain.



Annex A – Indices of Deprivation: Domains, Sub-Domains and Indicators

Index of Multiple Deprivation (IMD) 2007					
Domains	Sub-Domains	Indicators			
Income Deprivation (22.5% of IMD)	Income Deprivation Affecting Children Index Income Deprivation Affecting Older People Index (Two age based summaries of all six indicators)	Adults and children in Income Support Households¹ Income-Based JSA Households¹ Pension Credit (Guarantee) Households¹ Low income Working Tax Credit households² Low income Child Tax Credit Households² National Asylum Support Service (NASS) supported asylum seekers³			
Employment Deprivation (22.5% of IMD)		 Working age recipients of Jobseekers Allowance¹ Working age recipients of Incapacity Benefit¹ Working age recipients of Severe Disablement Allowance¹ Participants in the New Deal for the 18-24s not in receipt of JSA¹ Participants in the New Deal for 25+ not in receipt of JSA¹ Participants in the New Deal for Lone Parents¹ 			
Health Deprivation and Disability (13.5% of IMD)		 Years of Potential Life Lost (YPLL)⁴ Comparative Illness and Disability Ratio (CIDR)¹ Measures of acute morbidity, derived from Hospital Episode Statistics⁵ Proportion of adults under 60 suffering from mood or anxiety disorders^{1,5,6} 			
Education, Skills and Training Deprivation (13.5% of IMD)	Children/young people Skills	 Average test score of pupils at Key Stage 2 ⁷ Average test score of pupils at Key Stage 3 ⁷ Best of 8 average capped points score at Key Stage 4 ⁷ Proportion of 16 plus not staying on in school or non-advanced education¹ Secondary school absence rate⁷ Proportion of those aged under 21 not entering higher education ^{8,9} Proportions of adults aged 25-54 with no or low qualifications¹⁰ 			
Barriers to	Wider Barriers	Household overcrowding ¹⁰ Household overcrowding ¹⁰			



Housing and Services (9.33% of IMD)		 Percentage of homeless households¹¹ Difficulty of Access to owner-occupation¹² 		
(9.33 % OF IMID)	Sub Domain: Geographical Barriers	 Road distance to a GP surgery¹³ Road distance to a general store or supermarket¹⁴ Road distance to a primary school⁷ Road distance to a Post Office or sub post office¹⁵ 		
Crime (9.33% of IMD)		 Burglary (4 recorded crime offence types)¹⁶ Theft (5 recorded crime offence types)¹⁶ Criminal damage (10 recorded crime offence types)¹⁶ Violence (14 recorded crime offence types inc. robbery)¹⁶ 		
Living Environment Deprivation (9.33% of IMD)	The 'indoors' living environment	 Social and private housing in poor condition^{11,17} Houses without central heating¹⁰ 		
	The 'outdoors' living environment	 Air quality^{18,19} Road traffic accidents involving injury to pedestrians and cyclists²⁰ 		

Sources:

- 1. DWP (Department for Work & Pensions).
- 4. ONS (Office of National Statistics).
- 7. DCSF (Dept for Children Schools & Families).
- 9. HESA (Higher Education Statistics Agency).
- 12. Heriot-Watt University.
- 15. Post Office Ltd.
- 18. Staffordshire University.
- 20. DfT (Department for Transport)

- 2. HMRC (HM Revenue & Customs).
- 3. NASS (National Asylum Support Service)
- 5. Department of Health.
- 6. Prescribing Pricing Authority
- 8. UCAS (Universities & Colleges Admission Service).
- 10. 2001 Census (ONS)

- 11. CLG (Communities & Local Government).
- 13. National Admin. Codes Service
- 14. MapInfo Ltd
- 16. Police Force Data.

- 17. BRE (Building Research Establishment).
- 19. NAEI (National Atmospheric Emissions Inventory).

Further Information about Indicators:

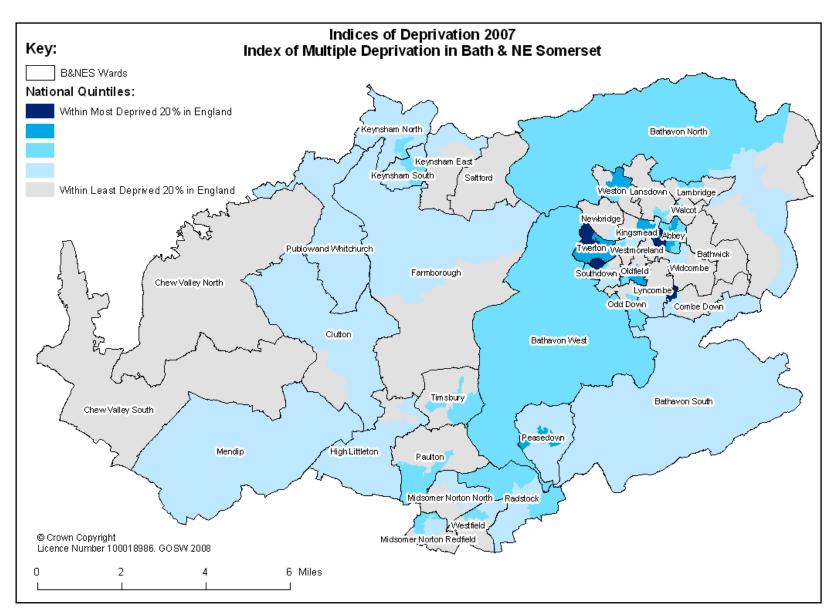
http://www.communities.gov.uk/documents/communities/pdf/576659



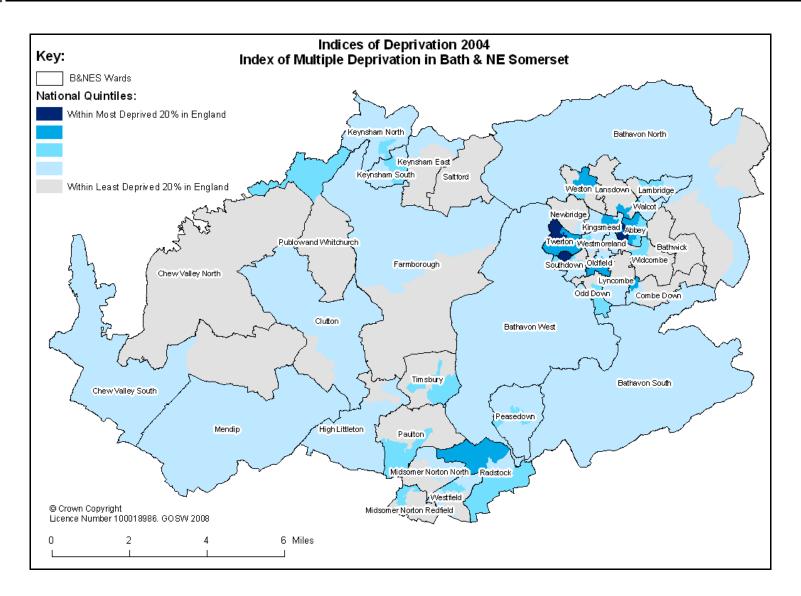
Annex B:

Maps of Index of Multiple Deprivation (IMD) in B&NES LSOAs ID 2007 & ID 2004

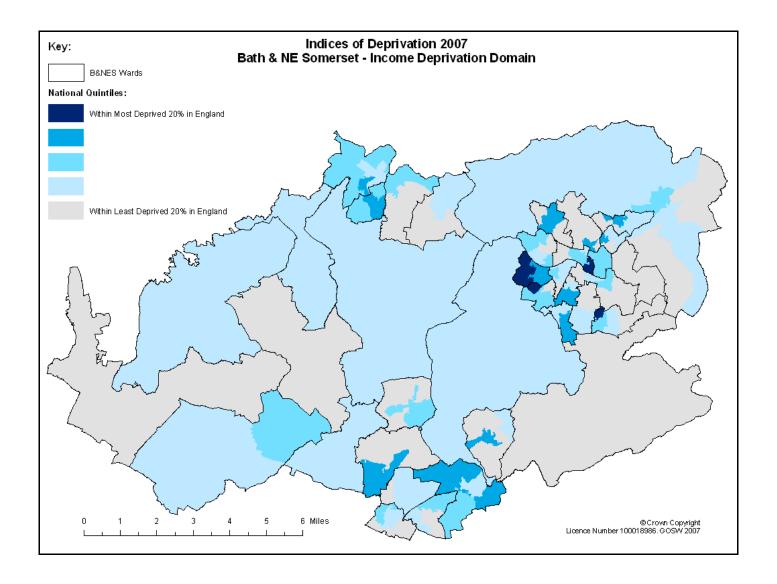




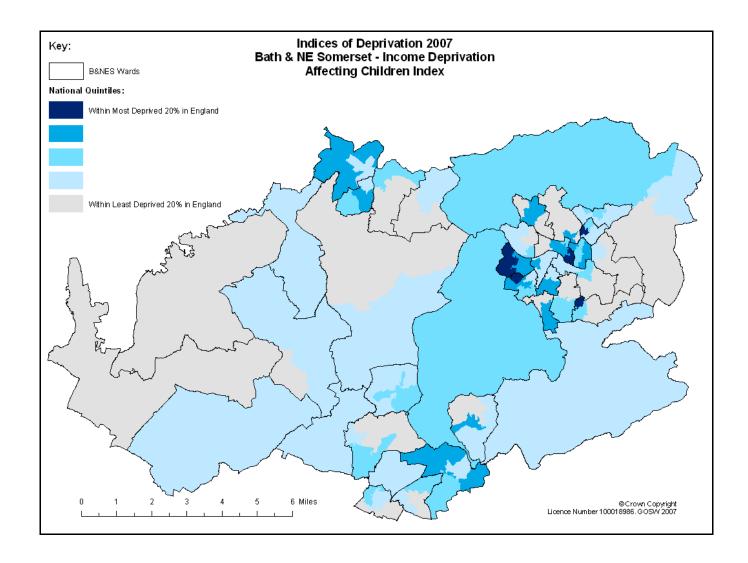




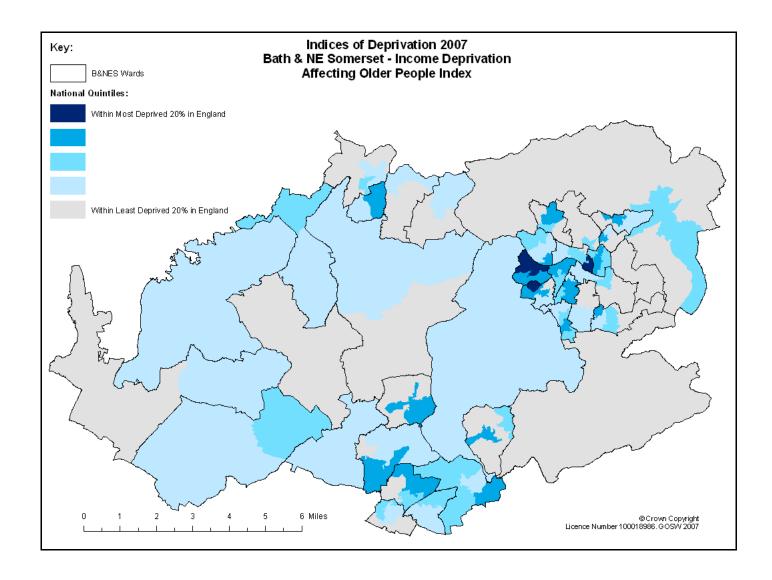




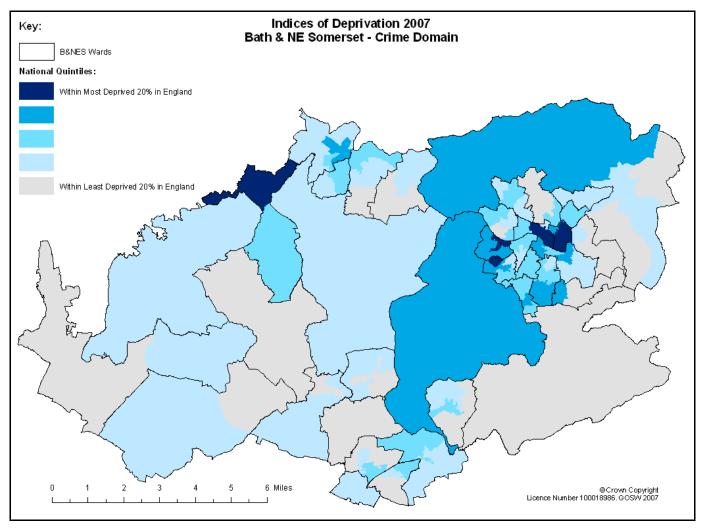






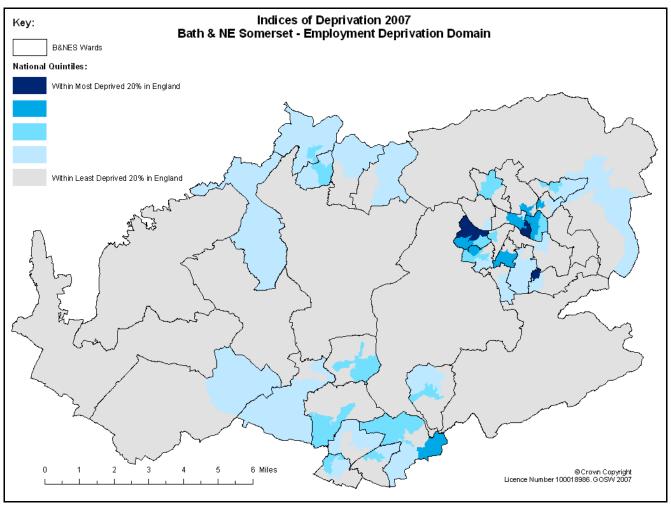






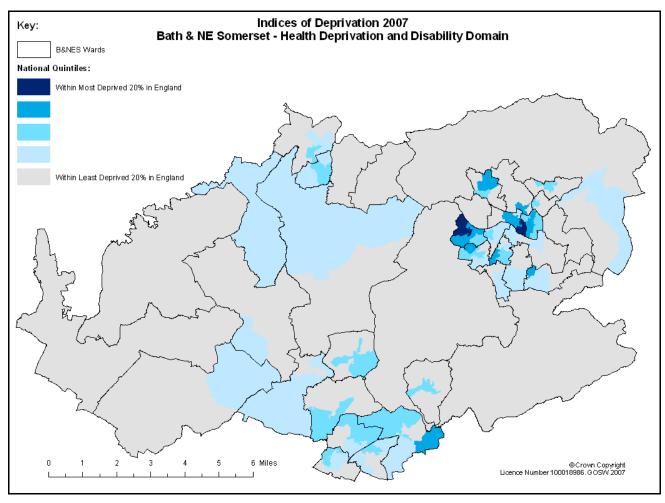
Crime Domain Indicators Crime rates for burglary, violence, theft and criminal damage





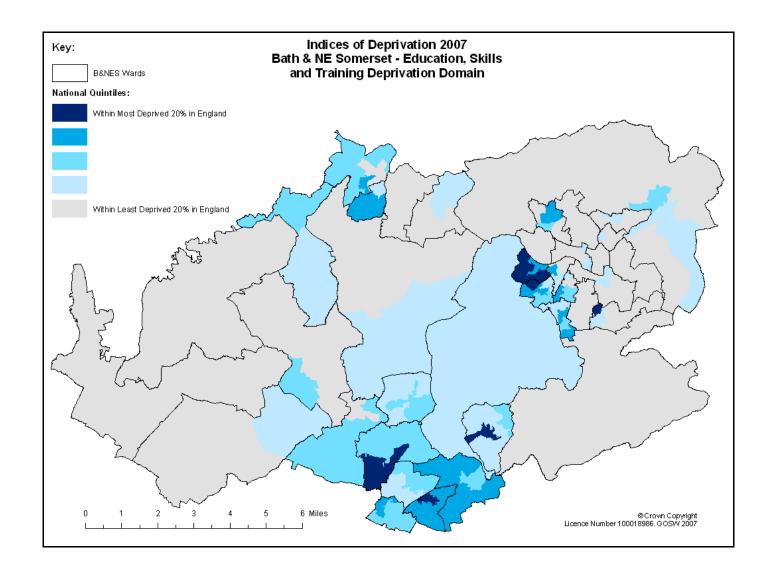
Employment Domain Indicators Unemployment & Incapacity benefit recipients & participants in "New Deals".



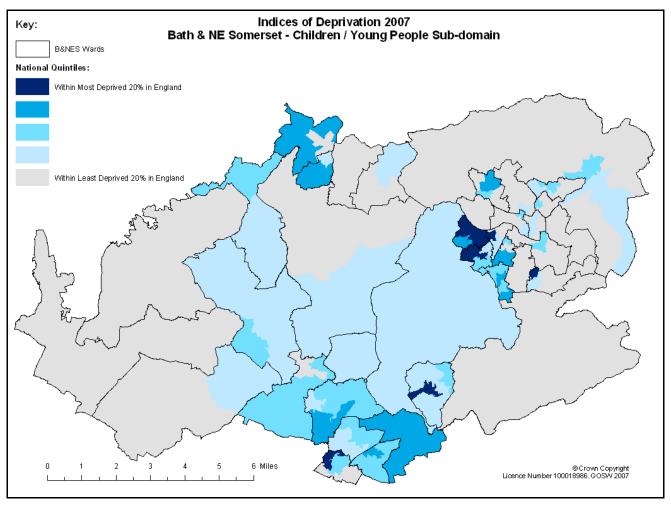


Health Domain indicators: Measures of illness & disability, mental health problems and hospital admissions



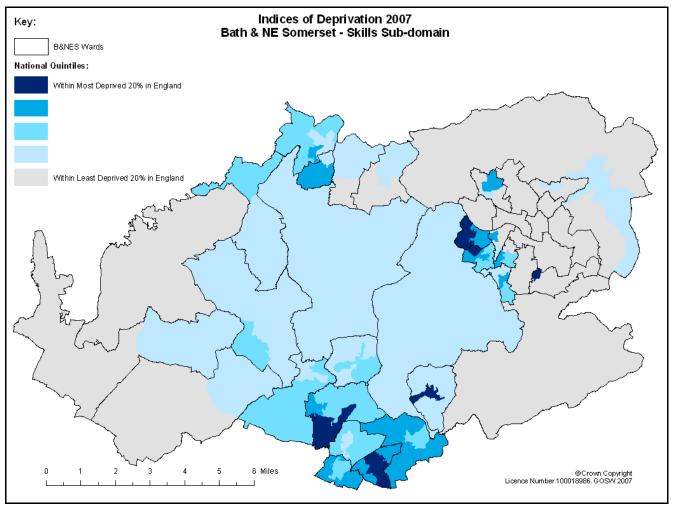






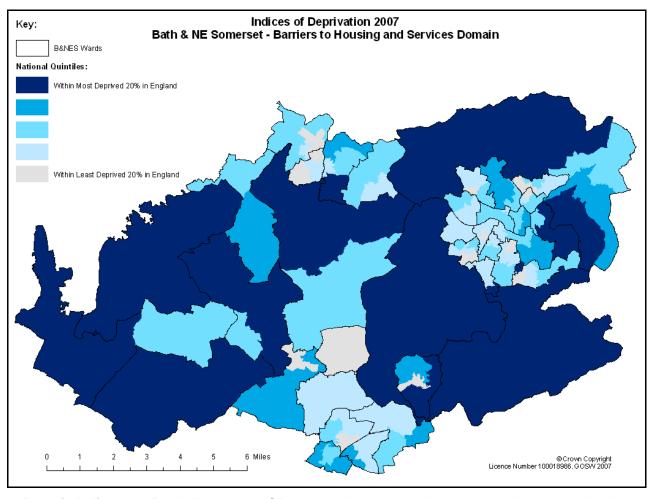
Education Domain Indicators: Performance at Key Stages 2,3 & 4, number staying on at school and numbers entering higher education, school absenteeism and proportion of people with no or low qualifications





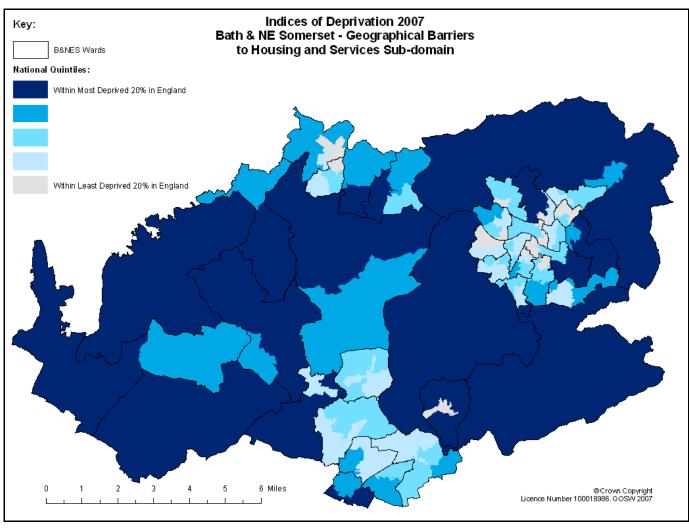
Sub domain Indicators: The Children & Young People sub domain is made up of all indicators except the one relating to qualifications, which is the single indicator in the Skills sub domain.





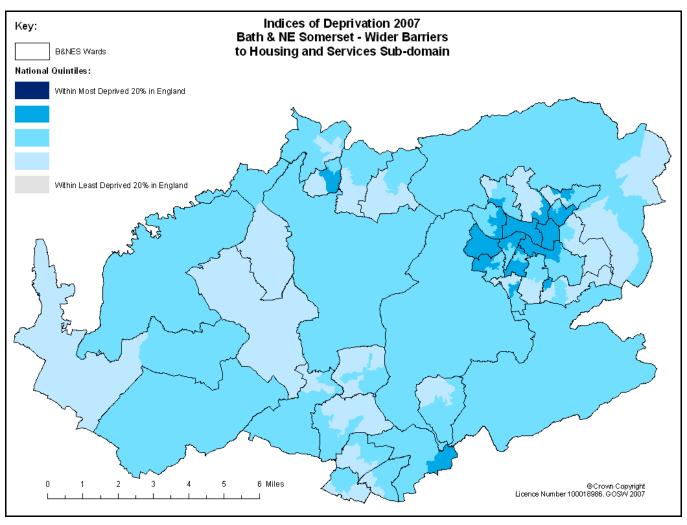
Barriers Domain Indicators: Road distance to a GP, supermarket or convenience store, primary school and post office, overcrowding, difficulty of access to owner-occupation & homelessness.





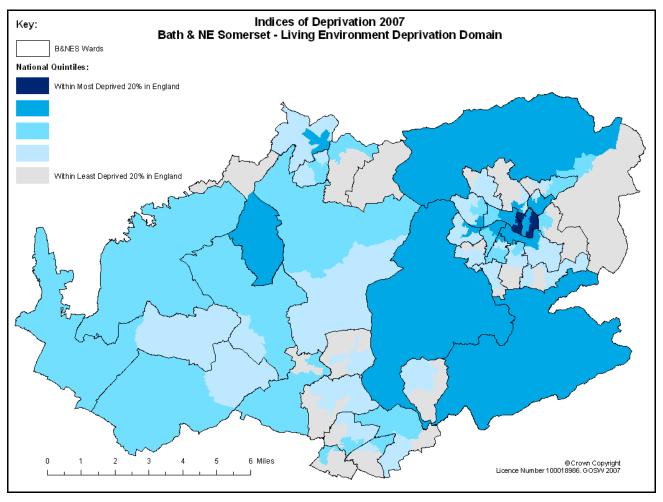
Geographical barriers sub domain indicators: Only the road distance indicators.





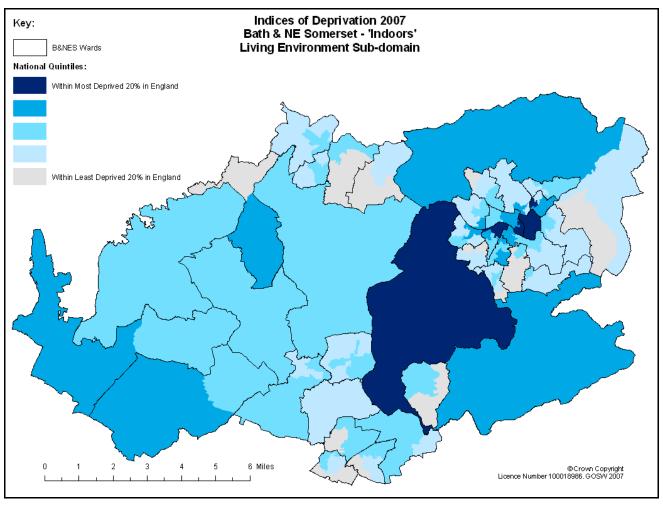
Wider barriers sub domain indicators: Overcrowding, access to owner-occupation and homelessness.





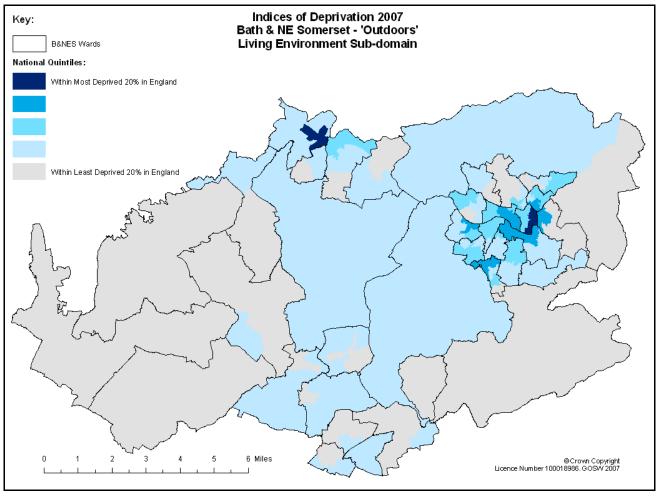
Living Environment Domain Indicators: Social & private housing in poor condition, houses without central heating, air quality and road accidents to pedestrians & cyclists





Indoors Living Environment sub domain indicators: Those relating to housing in poor condition and without central heating.





Outdoors Living Environment sub domain indicators: Air quality and road accidents