

Appendix One – Proposed Changes to Northern Ireland Multiple Deprivation Measures Domains

Income Domain

Adults and Children in Income Support Households	Remaining
Adults and children in State Pension Credit households	Proposed new addition
Adults and children in income based Employment and Support Allowance Households	Proposed new addition
Adults and children in income based Jobseeker’s Allowance Households	Remaining
Adults and children in Working Families’ Tax Credit households	To be removed from Domain
Adults and children in Disabled Person’s Tax Credit households	To be removed from Domain
Adults and children in Housing Benefit households	Proposed new addition

Proposed updated Income domain is as follows:

Purpose of the Domain

The purpose of the income deprivation domain is to identify the proportion of the population experiencing income deprivation at the small area level. This proportion is calculated by obtaining a non overlapping count of individuals living in households in receipt of income related benefits.

- Adults and children in Income Support households (2008/09 Source: DSD)
- Adults and children in State Pension Credit households (2008/09 Source: DSD)
- Adults and children in income based Employment and Support Allowance households (2008/09 Source: DSD)
- Adults and children in income based Jobseeker’s Allowance households (2008/09 Source: DSD)
- Adults and children in Housing Benefit households (2008/09 Source: DSD)

Employment Domain

Unemployment claimant count	Remaining
Incapacity Benefit claimants	Remaining
Employment and Support Allowance claimants	Proposed new addition
Severe Disablement Allowance claimants	Remaining
Carer's Allowance claimants	Remaining
Participants in New Deal for Young People (18-24 years) who are not included in the claimant count	To be removed from Domain
Participants in New Deal for 25+ who are not included in the claimant count	To be removed from Domain

Proposed updated Employment domain is as follows:

Purpose of the Domain

This domain measures employment deprivation defined as involuntary exclusion of the working age population from work.

- Unemployment claimant count of women aged 18-59 and men aged 18-64. (2008/09 Source: DSD)
- Incapacity Benefit claimants women aged 18-59 and men aged 18-64. (2008/09 Source: DSD)
- Employment and Support Allowance claimants women aged 18-59 and men aged 18-64. (2008/09 Source: DSD)
- Severe Disablement Allowance claimants women aged 18- 59 and men aged 18-64. (2008/09 Source: DSD)
- Carer's Allowance claimants women aged 18-59 and men aged 18-64. (2008/09 Source: DSD)

Health Deprivation and Disability Domain

Years of Potential Life Lost	Remaining
Comparative Illness and Disability Ratio	Remaining
A combined measure: i) individuals suffering from mood and anxiety disorders, based on prescribing data ii) suicides iii) mental health inpatient stays	Remaining with addition of iii) mental health inpatient stays
People registered as having cancer	Remaining
Emergency Admission Rate	Proposed new addition
Low Birth Weight	Proposed new addition
Children’s Dental Extractions	Proposed new addition

Proposed updated Health Deprivation and Disability domain is as follows:

Purpose of the Domain

The Health Deprivation and Disability Domain identifies areas with relatively high rates of premature deaths and areas where relatively high proportions of the population’s quality of life is impaired by poor health or who are disabled.

- Years of Potential Life Lost (2004 to 2008 Source: GRO)
- Comparative Illness and Disability Ratio (Income Support claimants in receipt of disability premium, State Pension Credit claimants in receipt of severe disability premium, Attendance Allowance, Severe Disablement Allowance, Disability Living Allowance, Incapacity Benefit and Employment and Support Allowance. 2008/09 Source: DSD)
- A combined measure of three indicators
 - i) Individuals suffering from mood and anxiety disorders, based on prescribing data (2008/09 Source: BSO)
 - ii) Suicides (1999 to 2008 Source: GRO)
 - iii) Mental health inpatient stays (2003 to 2008 Source: DHSSPS)
- People registered as having cancer (excluding non-melanoma skin cancers) (2003 to 2007 Source: Northern Ireland Cancer Registry)
- Emergency Admission Rate (2007/08 Source: DHSSPS)
- Low Birth Weight (2003 to 2007 Source: Child Health System)
- Children’s Dental Extractions (2006/07 to 2008/09 Source: BSO and DHSSPS)

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Education, Skills and Training Domain

In the 2005 Domain, two sub-domains were introduced (children/young people and working age adults). However due to the heavy reliance on the 2001 Census results to measure deprivation affecting the working age population, alongside the improvements in the availability of primary school level pupil data, three equally weighted sub-domains have been proposed.

<i>Sub-Domain: Children/Young People</i>	To be renamed Sub-Domain: Primary School
Proportions of Years 11 and 12 pupils not in grammar school	To be removed
Key Stage 2 Teacher Assessments for English and Maths (and Irish in Irish medium schools)	Proposed new addition
Proportions of pupils attending Special Education Needs Schools or who are attending primary school with Special Education Needs	Proposed new addition
Absenteeism at Primary Schools (all absences)	Proposed new addition

<i>Sub-Domain: Post Primary</i>	
Key Stage 3 data	To be removed
Key Stage 3 Teacher Assessments for English and Maths (and Irish in Irish medium schools/units)	Proposed new addition
GCSE/GNVQ points score	To be removed
GCSE or equivalent points score	Proposed new addition
Proportion of those leaving school not entering FE	To be removed
Proportions of those leaving school aged 16, 17 and 18 and not entering FE or Training	Proposed new addition
Proportions of 17-20 year olds who have not successfully applied for Higher Education	To be removed
Proportions of 18-21 year olds who have enrolled in Higher Education Courses at HE or FE establishments	Proposed new addition
Absenteeism at Secondary Schools (all absences)	Remaining
Proportions of post primary pupils with SEN in mainstream schools	To be removed
Proportions of pupils attending SEN Schools or who are attending post primary school with SEN	Proposed new addition

<i>Sub-Domain: Working Age Adults</i>	
Proportions of working age adults	Remaining

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(aged 25-59) in the area with no or low levels of qualification	
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Proposed updated Education, Skills and Training domain is as follows:

Purpose of the domain

The purpose of the domain is to measure the extent of deprivation in education, skills and training at the small area level for both children and working age adults.

Sub-Domain: Primary School

- Key Stage 2 Teacher Assessments for English and Maths (and Irish in Irish medium schools) (2006/07 to 2007/08 Source: DE)
- Proportions of pupils attending Special Education Needs Schools or who are attending primary school with Special Education Needs (2006/07 to 2007/08 Source: School Census, DE)
- Absenteeism at Primary Schools (all absences) (2006/07 to 2007/08 Source: DE)

Sub-Domain: Post Primary

- Key Stage 3 Teacher Assessments for English and Maths (and Irish in Irish medium schools/units) (2006/07 to 2007/08 Source: DE)
- GCSE or equivalent qualifications points score (2005/06 to 2007/08 Source: School Leavers Survey, DE)
- Proportions of those leaving school aged 16, 17 and 18 and not entering Further Education or Training (2003/04 to 2007/08 Source: School Leavers Survey, DE)
- Proportions of 18-21 year olds who have enrolled in Higher Education Courses at Higher Education or Further Education establishments (2004/05 to 2007/08 Source: HESA and FESR, DEL)
- Proportions of pupils attending Special Education Needs Schools or who are attending post primary school with Special Education Needs ,(2006/07 to 2007/08 Source: School Census, DE)
- Absenteeism at Secondary Schools (all absences) (2006/07 to 2007/08 Source: DE)

Sub-Domain: Working Age Adults

- Proportion of working age adults (25-59) with no or low levels of qualification (2001 Census Source: NISRA)

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Proximity to Services Domain

GP premises	Remaining
Accident and Emergency hospital	Remaining
Dentist	Proposed these three are combined into one to be named Other Primary Health Care Services
Optician	
Pharmacist	
Jobs Centre or Jobs & Benefits Office	Remaining
Post Office	Remaining
Food Store	To be removed
Supermarket/Food Store	Proposes new addition
Settlement of 10,000 or more people	To be removed
Large Service Centre	Proposed new addition
Council Leisure Centre	Proposed new addition
Financial Services	Proposed new addition
Other general services	Proposed new addition

Proposed updated Proximity to Services domain is as follows:

Purpose of the Domain

The purpose of this domain is to measure the extent to which people have poor geographical access to key services, including statutory and general services.

- GP premises (2009 Source: BSO)
- Accident and Emergency hospital (2009 Source: DHSSPS)
- Other Primary Health Care Services (2009 Source: BSO)
- Job Centre or Jobs and Benefits Office (2008 Source: DEL)
- Post Office (2008 Source: Post Office Ltd)
- Supermarket / Food Store (2007 Source: Experian)
- Large Service Centre (Source: DSD)
- Council Leisure Centre (2009 Source: DCAL)
- Financial Services (2007 Source: Experian, Credit Union Register)
- Other general services (2007 Source: Experian)

Living Environment Domain

<i>Sub-domain: Housing quality</i>	
SOA level housing stress	To be removed
Houses without central heating	To be removed
SOA level Decent Homes Standard	Proposed new addition
SOA level Housing Health and Safety Rating System	Proposed new addition
<i>Sub-domain: Housing Access</i>	
Household overcrowding	To be removed
LGD level homelessness acceptances	To be removed
SOA level homelessness acceptances	Proposed new addition
<i>Sub-domain: Outdoor physical environment</i>	
SOA level local area problem score	Remaining

Proposed updated Proximity to Services domain is as follows:

Purpose of the Domain

The aim of the Living Environment Domain is to identify small areas experiencing deprivation in terms of the quality of housing, access to suitable housing, and the outdoor physical environment. As such the Living Environment Domain comprises three sub-domains.

Sub-Domain: Housing quality

- SOA level Decent Homes Standard (2006 Source: NIHE, modelled NI House Conditions Survey)
- SOA level Housing Health and Safety Rating System (2006 Source: NIHE, modelled NI House Conditions Survey)

Sub-Domain: Housing Access

- Homelessness Acceptances under the homelessness provisions of the Housing (Northern Ireland) Order 1988 and the Housing (Northern Ireland) Order 2003(2005/06 to 2007/08 Source: NIHE)

Sub-Domain: Outdoor physical environment

- SOA Local Area Problem Score (2006 Source: NIHE, modelled NIHCS)

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Crime and Disorder Domain

<i>Sub-domain: Crime</i>	
Violence, robbery and public order	Remaining
Burglary	Remaining
Vehicle Theft	Remaining
Criminal Damage	Remaining
<i>Sub-domain: Disorder</i>	
Malicious and deliberate Primary Fires	To be removed
Disturbances	To be removed
Deliberate Primary Fires	Proposed new addition
Anti Social Behaviour Incidents	Proposed new addition

Proposed updated Crime and Disorder domain is as follows:

The Crime and Disorder Domain measures the rate of crime and disorder at the small area level. This includes recorded crime, deliberate fires and incidents of anti-social behaviour.

Sub-Domain: Crime

- Violence, robbery and public order (2004/05 to 2008/09 Source PSNI)
- Burglary (2004/05 to 2008/09 Source PSNI)
- Vehicle Theft (2004/05 to 2008/09 Source PSNI)
- Criminal Damage (2004/05 to 2008/09 Source PSNI)

Sub-Domain: Disorder

- Deliberate Primary Fires (2004/05 to 2008/09 Source: NIFRS)
- Anti-Social Behaviour Incidents (2006/07 to 2008/09 Source: PSNI)