



Scottish Index of Multiple Deprivation (SIMD) 2009v2

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Introduction

- **Background to Scottish Index of Deprivation (SIMD)**
- **SIMD Methodology**
- **Changes over time**
- **Deprivation across North Ayrshire**



Background to SIMD

- Scottish Executive's response to August 2003 Report: '*Measuring Deprivation in Scotland*'
- Methodology developed by Oxford University
- Relative measure not absolute
- SIMD 2009 third version of Index (previous versions 2004, 2006)
- SIMD 2009v2 was released in July 2010 following revision of the SIMD 2009 Income Domain



SIMD 2009v2 Methodology

- **7 Domains (Topics):**
 - Employment
 - Income
 - Health
 - Education
 - Housing
 - Geographic Access
 - Crime
- **38 Indicators across the domains e.g. JSA Claimants, School Pupil Absences**



SIMD 2009v2 Methodology

- **Overall Index is weighted sum of the seven domain scores**
- **Weighting relates to:**
 - **robustness of data and time lag between data collection and production of SIMD**
 - **importance of domain in measuring multiple deprivation**
- **Highest weight: Employment & Income**
- **Medium weight: Health & Education**
- **Low weight: Crime, Housing, Access**



SIMD 2009v2 Methodology

- Based on “Data Zone” Geography
- 6,505 data zones in Scotland – average 750 people
- Each data zone ranked by overall multiple deprivation and for each domain
- Identifies pockets of deprivation



Uses of SIMD 2009v2

- **Government's official measure of area based multiple deprivation**
- **Identify Scotland's most deprived areas**
- **Support funding allocations or bids**
- **Look at emerging problems**



North Ayrshire SIMD 2009v2

- **179 North Ayrshire Data Zones**
- **Increasing numbers of datazones in 5%, 10%, 15% most deprived:**
 - **43 datazones in 15% most deprived (2006 = 33)**
 - **26 datazones in 10% most deprived (2006 = 23)**
 - **10 datazones in 5% most deprived (2006 = 9)**



North Ayrshire SIMD 2009v2

- **23.1% of North Ayrshire population fall within worst 15% in Scotland (2006 = 18.4%)**
- **1 in 4 people (2006 = 1 in 5)**
- **Gained 11 and lost 1 datazone in SIMD 2009v2**
- **Most deprived datazone falls within Ardrossan**
- **Least deprived datazone falls within Largs**



North Ayrshire SIMD 2009v2

- Datazones in most deprived 5% & 10% in Kilwinning, Irvine, Three Towns & Kilbirnie
- Datazones in most deprived 15% also include Dalry and Beith [advice](#)



North Ayrshire SIMD 2009v2

Town	Data Zones in worst 15% 2006	Data Zones in worst 15% 2009
Irvine	10	14
Stevenston	6	8
Kilwinning	4	6
Ardrossan	6	6
Saltcoats	4	5
Kilbirnie	3	2
Beith	0	1
Dalry	0	1
Total	33	43

Reasons for Changes

- **Glasgow (and some other areas) relatively less deprived than in 2006 compared to rest of Scotland**
- **Therefore some other areas must be relatively more deprived**
- **There will always be 976 most deprived data zones (6,505 x 15%)**
- **Introduction of tax credit data within income domain**

