

## **EAST AYRSHIRE COUNCIL**

### **POLICY AND RESOURCES COMMITTEE - 30 SEPTEMBER 2004**

#### **SCOTTISH INDEX OF MULTIPLE DEPRIVATION**

##### **Report by Executive Director of Development and Property Services**

### **1. PURPOSE OF REPORT**

- 1.1 To advise Members of the results of the 2004 Scottish Index of Multiple Deprivation, to highlight the main issues for East Ayrshire compared with national trends and recommend further analysis.

### **2. BACKGROUND**

- 2.1 The Scottish Executive has produced the 2004 Scottish Index of Multiple Deprivation (SIMD) to support their strategy to measure long term deprivation across Scotland. The latest report ranks deprivation by small 'data zones'. Data zones are groups of census output areas which have populations of between 500 and 1,000 household residents. The data zone geography covers the whole of Scotland and nests within Local Authority boundaries. Data zones have been adopted to provide a consistent geography for measuring relative deprivation across the whole of Scotland. The data zones are based on postcodes and census boundaries to allow extraction of information from various agencies.
- 2.2 The methods used to rank deprivation by data zones have been formulated on behalf of the Scottish Executive by the Scottish Centre for Research on Social Justice (SCRSJ). The Overall SIMD ranking presented in the 2004 report is a weighted combination, in the following order, of the six theme areas which are Current Income; Employment; Health; Education, Skills & Training; Geographic Access & Telecommunications and Housing using the ratio 6;6;3;3;2;1. Most weight is accordingly given to the income and employment domains partly because the information contained within them is the most robust. The information gathered within each domain is listed in Appendix 4.

### **3. SUMMARISED ANALYSIS OF SIMD STATISTICS**

#### **3.1 National Context**

3.1.1 There are 975 data zones in Scotland that fall within the top 15% of zones that are categorised as deprived by the 2004 SIMD. To provide a better understanding of the national context within which deprivation within East Ayrshire should be understood the Planning, Development and Building

Standards Division has completed an analysis of data for all local authorities in Scotland to determine the proportion of its population that is classified as deprived. The results of the analysis are shown in Appendix 1. The table shows that East Ayrshire has the sixth largest proportion of its population (18.85%) categorised as deprived.

## 3.2 **East Ayrshire Context**

3.2.1 Appendix 2A lists all of the data zones within East Ayrshire by SIMD rank. The lower the SIMD rank the higher the level of deprivation. SIMD scores above 976 are deemed to be within the top 15%. Within the East Ayrshire context this is highlighted in Appendix 2A. It should be noted that data zones do not always match ward boundaries in order to facilitate a more accurate reading of deprivation within the local area. Comparison cannot be made with previous SIMD statistics which were produced to align with ward boundaries.

3.2.2 An analysis has also been carried out at a community or settlement level. The results of the analysis are shown in Appendix 2B.

3.2.2 Appendix 2B and Table 1 within Appendix 3 clearly shows that there are two types of area deprivation in East Ayrshire – one that has a distinctive urban character and one which has a rural and dispersed character.

3.2.3 The highest single concentration of deprivation is within the north-west area of Kilmarnock. There is also a smaller but still relatively large concentration of deprivation within south Kilmarnock. In contrast there are 10 settlements within the rural area each with pockets of deprivation. The majority are located within the coalfield area within the southern part of East Ayrshire. Although the total population numbers are relatively small the final column in table 2 of Appendix 3 highlights that they nevertheless comprise a large part of the population of each settlement and provides a better indication of the scale of the issue faced by the Council. In addition it should be noted that the combined population that is categorised as deprived within the rural settlements exceeds the total population categorised as deprived within Kilmarnock.

3.2.4 Table 3 gives a summarised analysis of the spread of the data zones by rank over the whole of East Ayrshire.

3.3 Maps are available for inspection through the implementation officer.

#### **4. TACKLING DEPRIVATION IN EAST AYRSHIRE**

- 4.1 The above summarised analysis confirms that the approach adopted by East Ayrshire Council to date in tackling deprivation has been the correct one with a programme of action co-ordinated through the East Ayrshire North Social Inclusion Initiative and Better Neighbourhood Services Fund for those areas classified as deprived in an urban sense and the Coalfield Area Social Inclusion Partnership providing the focus for the smaller rural settlements.
- 4.2 In saying this, a very large amount of data has been provided by the Scottish Centre for Research on Social Justice through the 2004 SIMD. Further analysis requires to be undertaken to better understand the final results and identify underlying causes on a domain by domain basis. This analysis will be essential to informing the Regeneration Outcome Agreement the draft of which requires to be submitted by the end of October 2004 and in final form by 20 December 2004. The analysis will also provide the justification for future programmes of action and bids for funding by the Council through the Community Planning process.
- 4.3 The East Ayrshire Community Planning Partners have already embarked on a wide range of strategies aimed at tackling the deprivation issues highlighted in the statistics.

#### **5. PERSONNEL IMPLICATIONS**

- 5.1 There are no personnel implications directly arising from this report.

#### **6. LEGAL/POLICY/FINANCIAL IMPLICATIONS**

- 6.1 There are no legal implications directly arising from this report. The SIMD 2004 indices will be used along with other mechanisms to inform and direct the process of determining spending priorities for the Council. To this end further analysis will be required to be carried out in line with the priorities set out in the East Ayrshire Community Plan.
- 6.2 There are no financial implications directly arising from this report but future success in terms of accessing external funding to tackle deprivation will be dependant on monitoring and evaluation of current programmes as well as analysis of the current SIMD statistics.

## **7 RECOMMENDATION**

7.1 It is recommended that the committee

- (i) note the summarised results of the 2004 SIMD; and
- (ii) agree that further analysis should be undertaken of the SIMD statistics to inform the Council's future actions and external funding submissions.

**James Lavery**  
**Executive Director of Development and Property Services**

24 September 2004  
RP/MAH/KD/IMB

### **LIST OF BACKGROUND PAPERS**

- 1. Scottish Index of Multiple Deprivation 2004: Summary Technical Report**
- 2. Scottish Index of Multiple Deprivation 2004: Tables**

For further information on the content of the report contact Margo Houston, Technical Support, Policy and Projects Section on (01563) 576766 or Karl Doroszenko, Policy & Projects Manager, Planning, Development and Building Standards.

Implementation Officer: James Lavery

## APPENDIX 1

### SIMD 2004 - Analysis By Local Authority, Scotland

Local Authority	No of Zones in Top 15%	Total Pop Affected	Total Population of Authority	% of Authority Population Affected
Glasgow City	373	308773	577869	53.43%
Inverclyde	36	27848	84203	33.07%
Dundee City	51	41221	145663	28.30%
West Dunbartonshire	32	25564	93378	27.38%
North Lanarkshire	103	80515	321067	25.08%
East Ayrshire	28	22664	120235	18.85%
Renfrewshire	41	32450	172867	18.77%
North Ayrshire	33	25226	135817	18.57%
South Lanarkshire	66	50758	302216	16.80%
Clackmannanshire	10	7421	48077	15.44%
Edinburgh, City of	61	50530	448624	11.26%
South Ayrshire	13	9371	112097	8.36%
Fife	33	25791	349429	7.38%
Falkirk	14	9586	145191	6.60%
Argyll & Bute	9	6027	91306	6.60%
Aberdeen City	18	13161	212125	6.20%
Stirling	6	4696	86212	5.45%
Dumfries & Galloway	9	7193	147765	4.87%
East Renfrewshire	6	4301	89311	4.82%
West Lothian	10	7124	158714	4.49%
Highland	9	6402	208914	3.06%
East Dunbartonshire	4	3295	108243	3.04%
Angus	3	2418	108400	2.23%
Perth & Kinross	3	2142	134949	1.59%
Scottish Borders	2	1665	106764	1.56%
Midlothian	1	809	80941	1.00%
Aberdeenshire	2	1763	226871	0.78%
Scotland	976	778714	5062011	15.38%

### APPENDIX 3

**Table 1 - SIMD 2004: Analysis of Overall Deprivation by Data Zones within East Ayrshire**

Settlement/Area	No of Data Zones(DZ) ranked within top 15%	Population living in top15% DZ	% of EA Population living in 15% DZ
North Kilmarnock	8	6,128	5.10%
South Kilmarnock	4	3,360	2.79%
Auchinleck	3	2,507	2.09%
New Cumnock	2	1,822	1.52%
Bellsbank	2	1,619	1.35%
Catrine	2	1,447	1.20%
Patna	2	1,436	1.19%
Muirkirk	1	981	0.82%
Cumnock	1	948	0.79%
Drongan	1	901	0.75%
Galston	1	814	0.68%
Lugar & Logan	1	701	0.58%
		22,664	18.85%

**Table 2 - SIMD 2004: Analysis of Overall Deprivation by Data Zones within Settlements of East Ayrshire**

Settlement	No of Data Zones(DZ) ranked within top 15%	Population living in Deprived 15% DZ	Settlement Population	% of Settlement Population Living in 15% DZ
Bellsbank	2	1,619	1,619	100.00%
Auchinleck	3	2,507	3,512	71.38%
Catrine	2	1,447	2,053	70.48%
Patna	2	1,436	2,179	65.90%
Muirkirk	1	981	1,630	60.18%
New Cumnock	2	1,822	3,165	59.60%
Lugar & Logan	1	701	1,521	46.09%
Drongan	1	901	3,012	29.91%
Kilmarnock	12	9,488	43,588	21.77%
Galston	1	814	5,000	16.28%
Cumnock	1	948	9,358	10.13%

Source: Scottish Index of Deprivation 2004 Tables – Scottish Executive

**Table 3 - SIMD 2004: Summarised Analysis of All Data Zones in East Ayrshire**

<b>Summarised Analysis of East Ayrshire Zones</b>				
Zones Ranked	No	% of Total Zones In East Ayrshire	Total Pop in % Band	% of EA Pop Affected
0 - 15%	28	18.18	22664	18.85
15 - 30%	38	24.68	29177	24.27
30 - 50%	40	25.97	31176	25.93
50 - 75%	23	14.94	17515	14.57
75%+	25	16.23	19703	16.39
All EA	154	100%	120235	100%

## **Appendix 4 - SIMD 2004 Data Sources**

### **Current Income**

- Adults in income support households
- Children in income support households
- Adults in income based job seekers allowance households
- Children in income based job seekers allowance households
- Adults in working families tax credit households below a low income threshold
- Children in working families tax credit households below a low income threshold
- Adults in disability tax credit households below a low income threshold
- Children in disability tax credit households below a low income threshold

### **Employment**

- Unemployment claimant count averaged over 12 months of those men aged under 65 and women aged under 60
- Incapacity benefit recipients men aged under 65 women aged under 60
- Severe disablement allowance recipients men aged under 65 women aged under 60
- Compulsory New Deal participants - New Deal for the under 25's and New Deal for the 25+ not included in the unemployment claimant count

### **Health**

- Comparative mortality factor
- Hospital episodes related to alcohol use
- Hospital episodes related to drug use
- Comparative illness factor
- Emergency admissions to hospital
- Proportion of population being prescribed drugs for anxiety or depression or psychosis
- Proportion of live singleton births of low birth weight

### **Education, Skills and Training**

- People performance at SQA at Stage 4
- Pupils aged 16+ who are not in full time education
- Proportions of the 17+ population who have not successfully applied to Higher education
- Working age adults with no qualifications
- Secondary level absences

### **Geographic Access and Telecommunications**

- Drive time to GP
- Drive time to supermarket
- Drive time to petrol station
- Drive time to primary school
- Drive time to post office

### **Housing**

- Persons in households which are overcrowded
- Persons in households without central heating

Data Zone	Wards Covered by Data Zone	Local Authority Name	Total Population (2001 Census)	SIMD Score	SIMD Rank
<b>North Kilmarnock</b>					
S01001388	Altonhill, Hillhead & Longpark; North New Farm Loch & Dean	East Ayrshire	917	79.53	38
S01001392	Altonhill, Hillhead & Longpark	East Ayrshire	520	64.76	188
S01001382	Altonhill, Hillhead & Longpark; Kilmarnock Central West; Kilmarnock Central East	East Ayrshire	618	62.93	215
S01001397	Onthank	East Ayrshire	827	59.09	281
S01001399	Onthank	East Ayrshire	902	53.69	400
S01001394	Altonhill, Hillhead & Longpark; Onthank	East Ayrshire	545	46.00	635
S01001400	Onthank	East Ayrshire	927	40.05	897
S01001386	Altonhill, Hillhead & Longpark; Kilmarnock Central West	East Ayrshire	872	38.98	960
<b>South Kilmarnock</b>					
S01001324	Shortlees	East Ayrshire	534	69.77	125
S01001325	Shortlees	East Ayrshire	731	45.18	658
S01001333	Riccarton	East Ayrshire	860	40.98	846
S01001328	Riccarton; Shortlees	East Ayrshire	823	39.61	925
<b>Auchinleck</b>					
S01001309	Auchinleck	East Ayrshire	761	48.10	566
S01001308	Auchinleck	East Ayrshire	999	43.93	695
S01001310	Auchinleck	East Ayrshire	747	41.84	797
<b>New Cumnock</b>					
S01001279	New Cumnock	East Ayrshire	987	49.99	509
S01001281	New Cumnock	East Ayrshire	835	39.21	946
<b>Bellsbank</b>					
S01001271	Dalmellington	East Ayrshire	802	63.82	196
S01001270	Dalmellington	East Ayrshire	817	63.48	203
<b>Catrine</b>					
S01001312	Catrine, Sorn & Mauchline East	East Ayrshire	774	52.87	421
S01001313	Catrine, Sorn & Mauchline East	East Ayrshire	673	38.94	966
<b>Patna</b>					
S01001274	Patna Dalrymple	East Ayrshire	734	44.90	666
S01001275	Patna Dalrymple	East Ayrshire	702	39.23	944
<b>Muirkirk</b>					
S01001316	Muirkirk, Lugar & Logan	East Ayrshire	981	56.00	339
<b>Cumnock</b>					
S01001292	Ochiltree, Skares, Netherthird & Craigens	East Ayrshire	948	40.11	895
<b>Drongan</b>					
S01001287	Drongan Stair Rankinston	East Ayrshire	901	41.65	810
<b>Galston</b>					
S01001338	Crookedholm, Moscow, Galston West & Hurlford North; Galston East	East Ayrshire	814	43.38	725
<b>Lugar &amp; Logan</b>					

## Analysis of Top 15% Data Zones In East Ayrshire

Data Zone	Wards Covered by Data Zone	Local Authority Name	Total Population (2001 Census)	SIMD Score	SIMD Rank
S01001306	Muirkirk, Lugar, Logan	East Ayrshire	701	42.50	764