

The Economic Deprivation Index (EDI)

The Indices of Deprivation 2004 and 2007 were created to provide the best possible measure of multiple deprivation at a single point in time. The Indices cannot be compared backward, as a result this does not allow an understanding how deprivation changes between two points in time.

The Economic Deprivation Index (EDI) was created in order to address the problems of comparing the Indices of Deprivation of 2004 to 2007 as different methodologies were used in creating both series. Preferably the EDI would be based on a full Indices of Deprivation (ID). This would be based on the seven domains within in the ID 2004 and ID 2007 and created for each year from 1999 through to 2005. This however is not possible as a consistent time-series data is not available for the full range of measures.

The EDI has been produced in a consistent manner over time and can be used to track the progress of deprived neighbourhoods. The EDI is a relative measure of deprivation which is produced at Lower Layer Super Output Area (LSOA) level and is made up of two domains: Income and Employment. This has been possible due to a number of key indicators from the Income and Employment domains of the ID 2004 and ID 2007 were available on a consistent basis from 1999 onwards. The EDI covers time series data between 1999 and 2005.

**Distribution of Northumberland LSOA's between EDI Deciles
1999-2005**

Deciles, Most deprived to least	1999	2000	2001	2002	2003	2004	2005	1999-2005 change
1	20	22	25	24	23	27	25	5
2	23	25	25	27	22	19	20	-3
3	27	21	23	23	27	20	17	-10
4	15	29	23	22	26	29	23	8
5	22	19	18	14	14	15	23	1
6	22	18	19	27	21	21	23	1
7	21	24	27	28	24	25	22	1
8	22	23	27	20	20	21	22	0
9	20	12	5	11	18	17	19	-1
10	3	6	7	3	4	5	5	2

LSOA's constant in the 10% most Deprived between 1999-2005

E01027392	Blyth Valley 001A	Cowpen
E01027393	Blyth Valley 001B	Cowpen
E01027412	Blyth Valley 007D	Cramlington West
E01027415	Blyth Valley 002B	Croft
E01027416	Blyth Valley 001C	Croft
E01027422	Blyth Valley 003B	Isabella
E01027424	Blyth Valley 001D	Kitty Brewster
E01027426	Blyth Valley 004B	Newsham and New Delaval
E01027443	Castle Morpeth 001A	Chevington
E01027451	Castle Morpeth 001E	Lynemouth
E01027518	Wansbeck 007C	Bedlington East
E01027527	Wansbeck 004D	Central
E01027533	Wansbeck 003A	College
E01027540	Wansbeck 003B	Hirst
E01027542	Wansbeck 001B	Newbiggin East
E01027543	Wansbeck 001C	Newbiggin West
E01027545	Wansbeck 002D	Park
E01027547	Wansbeck 003C	Seaton
E01027551	Wansbeck 007F	Sleekburn
E01027552	Wansbeck 007G	Sleekburn

