

The Economic and The Social

Ian Kay, ONS Regional Statistician
(Yorkshire and The Humber)

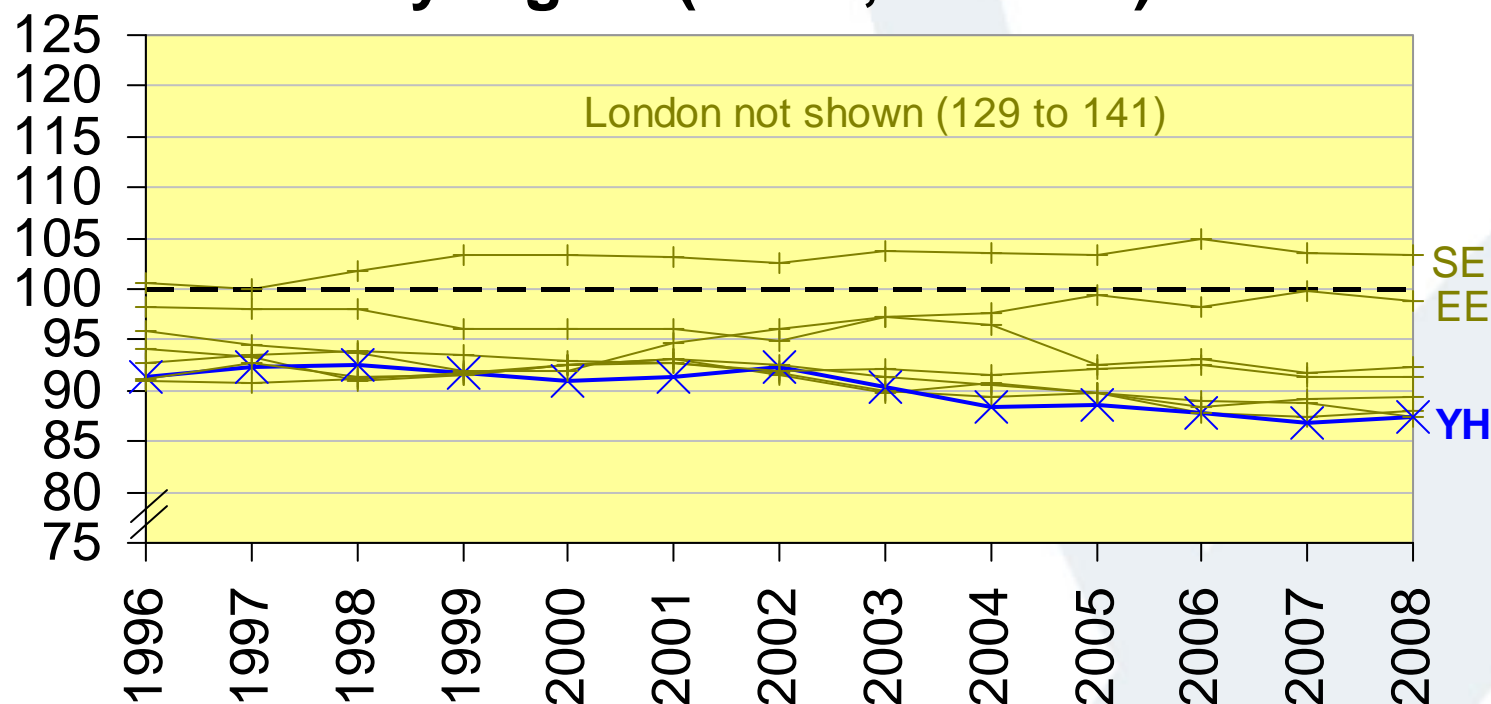
Thirsk, 18 August 2010

Why do we use economic indicators?

- Hard to prove the direction of cause and effect
- But overwhelming correlation between the economic and the social

Productivity

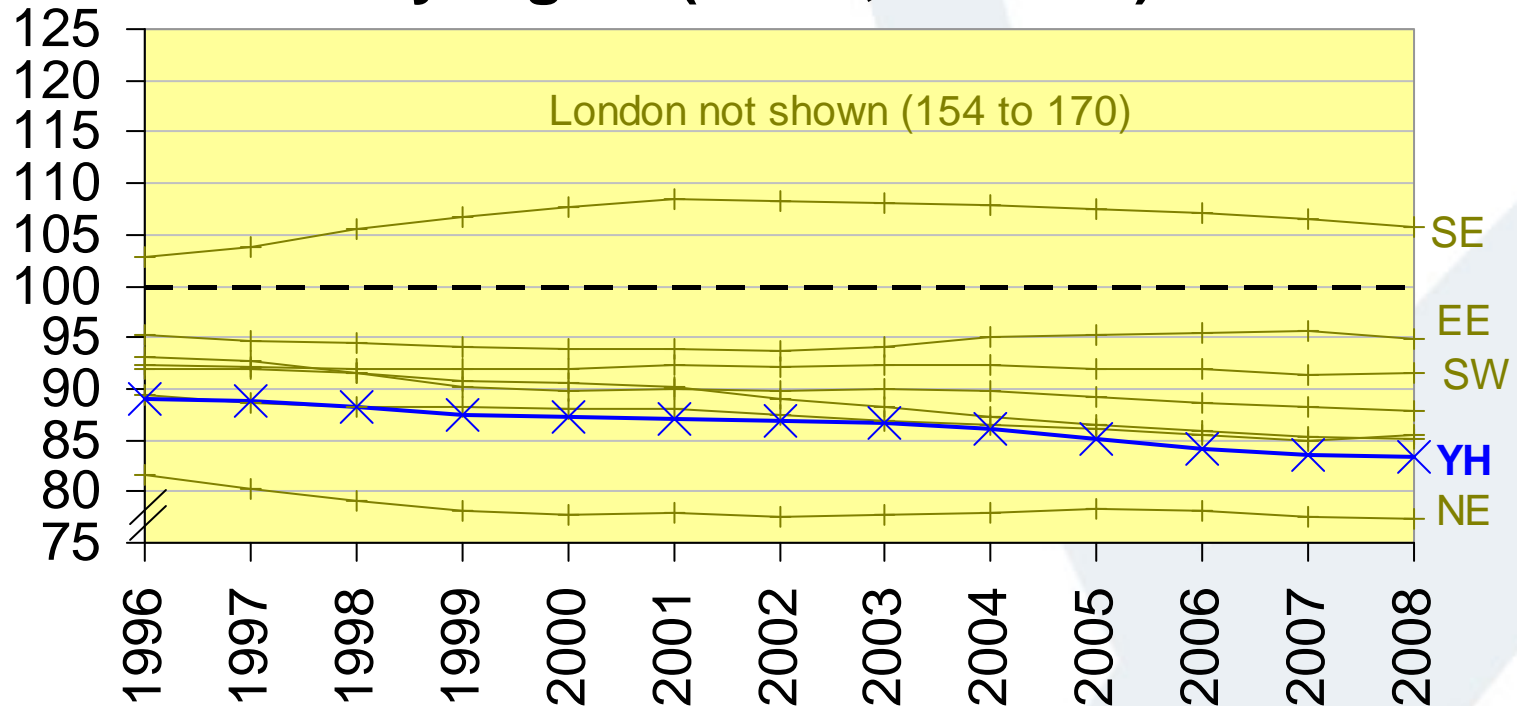
GVA per filled job by region (Index, UK=100)



Source: ONS Productivity measures by region
www.statistics.gov.uk/statbase/tsdtables1.asp?vlnk=prdy

Regional Accounts

Headline GVA per head by region (Index, UK=100)

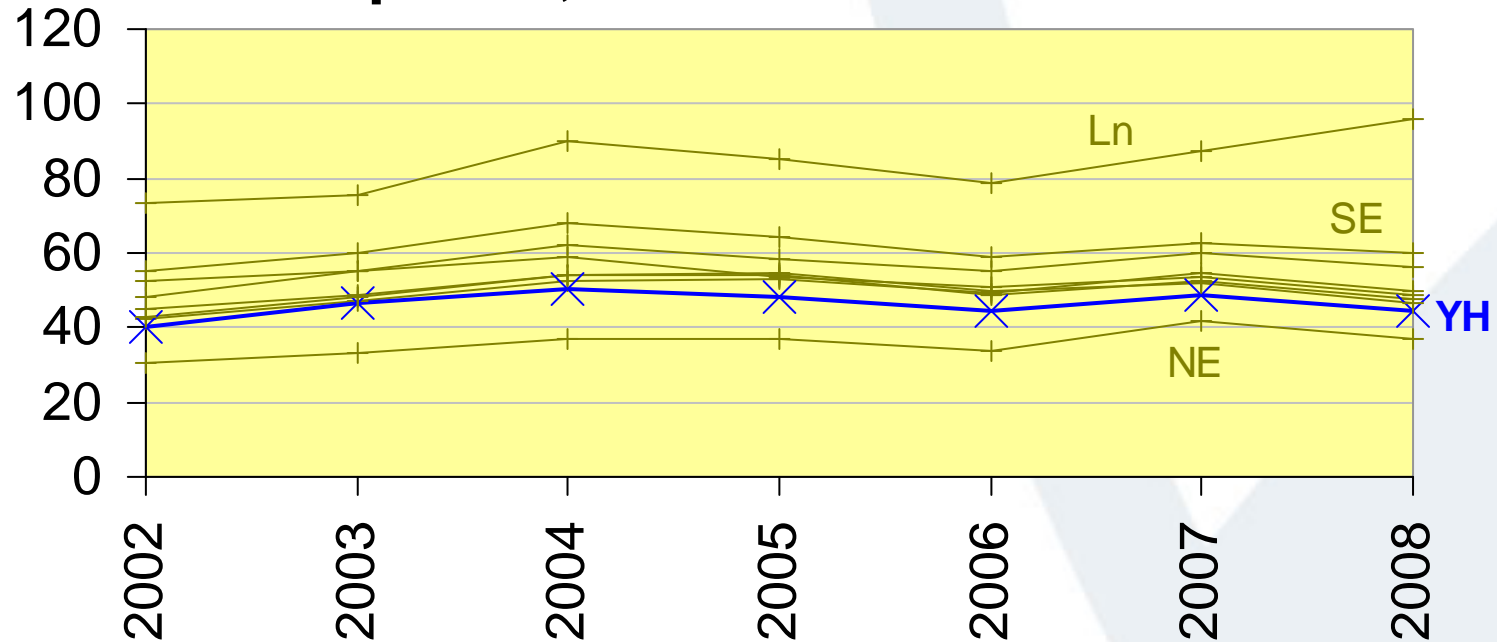


Source: ONS Regional accounts

www.statistics.gov.uk/StatBase/Product.asp?vlnk=14650

Business start-up

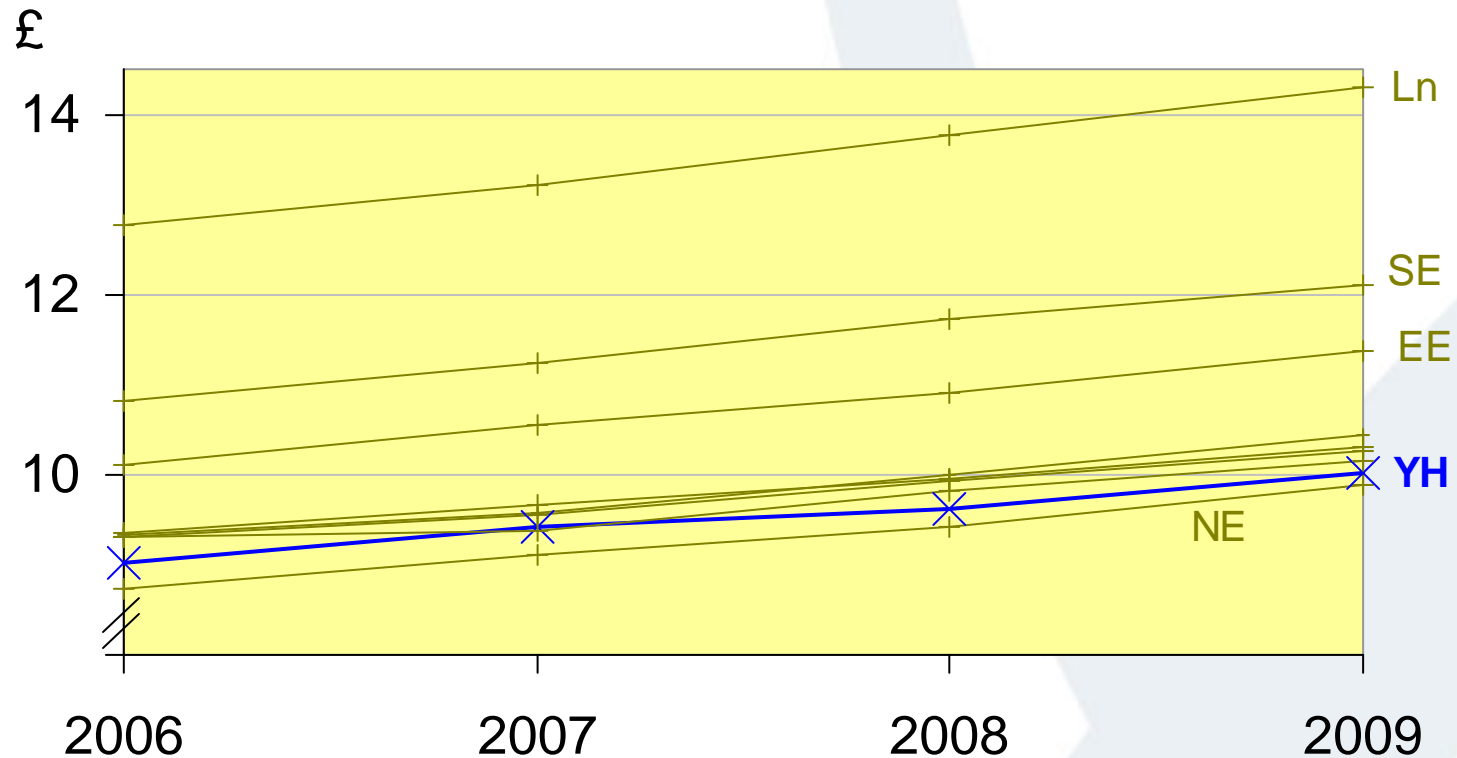
Births of new business enterprises per 10,000 resident adults



Source: ONS Business Demography and ONS Population Estimates
www.statistics.gov.uk/StatBase/Product.asp?vlnk=15186
www.statistics.gov.uk/statbase/Product.asp?vlnk=15106

Wages

Median hourly pay excluding overtime

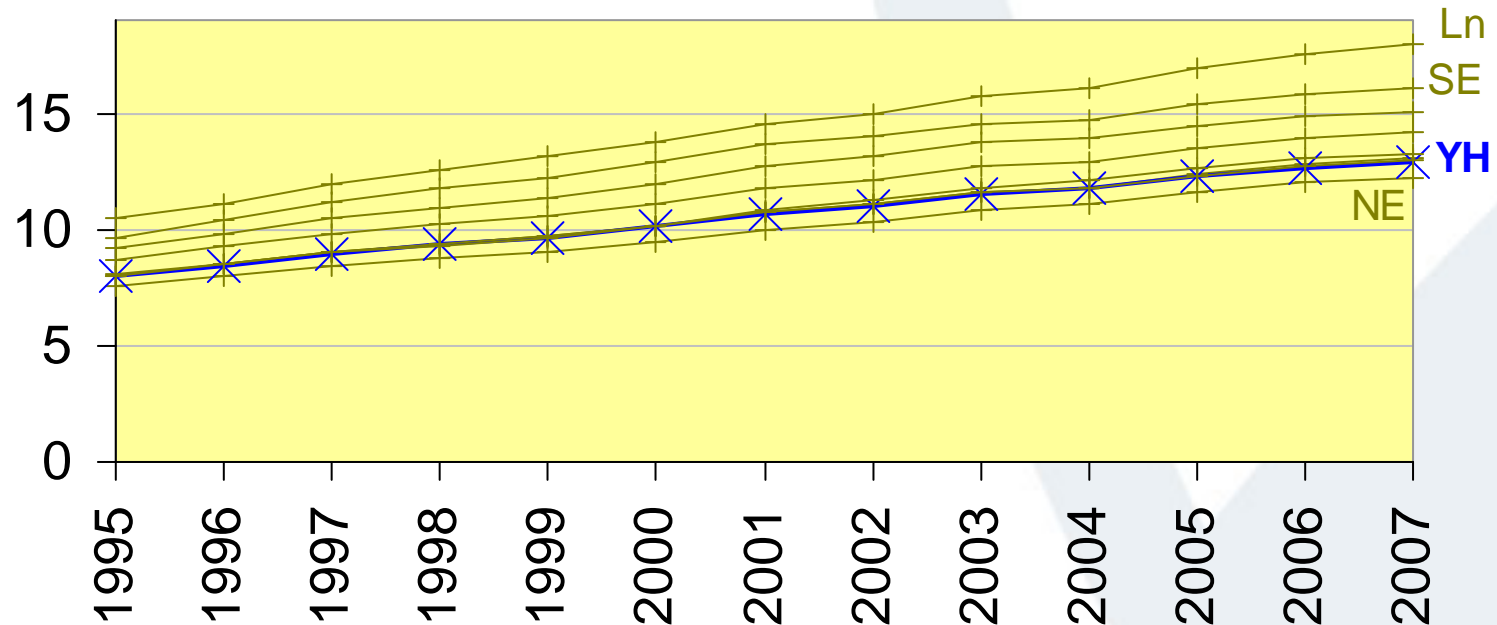


Source: ONS Annual Survey of Hours and Earnings Tables 8.6a,
www.statistics.gov.uk/ashe

Income

Disposable household income by region

£1,000 per head

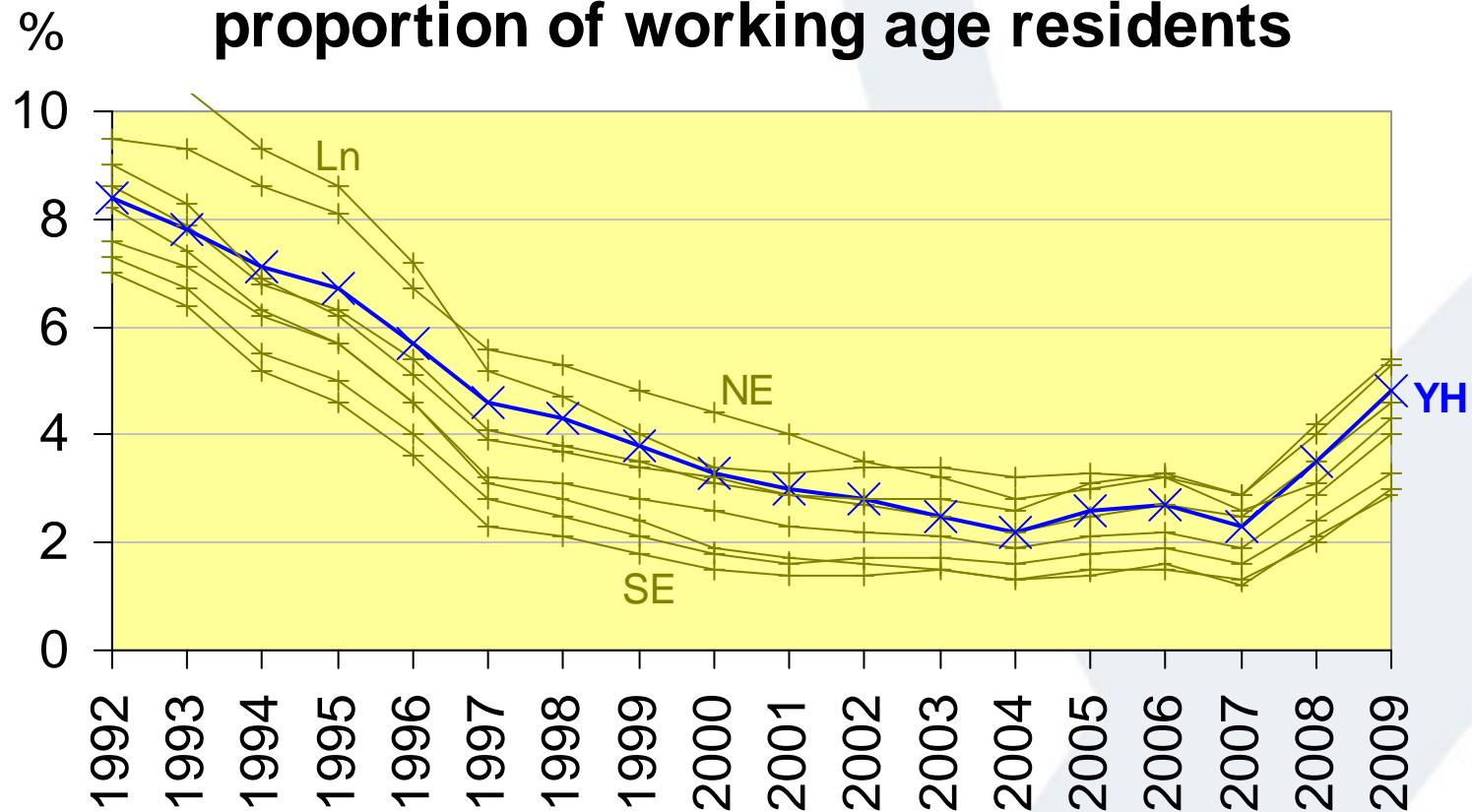


Source: Headline Gross Disposable Household Income using 5-point moving average, ONS Regional Accounts.

www.statistics.gov.uk/StatBase/Product.asp?vlnk=14651

Jobseeker's Allowance

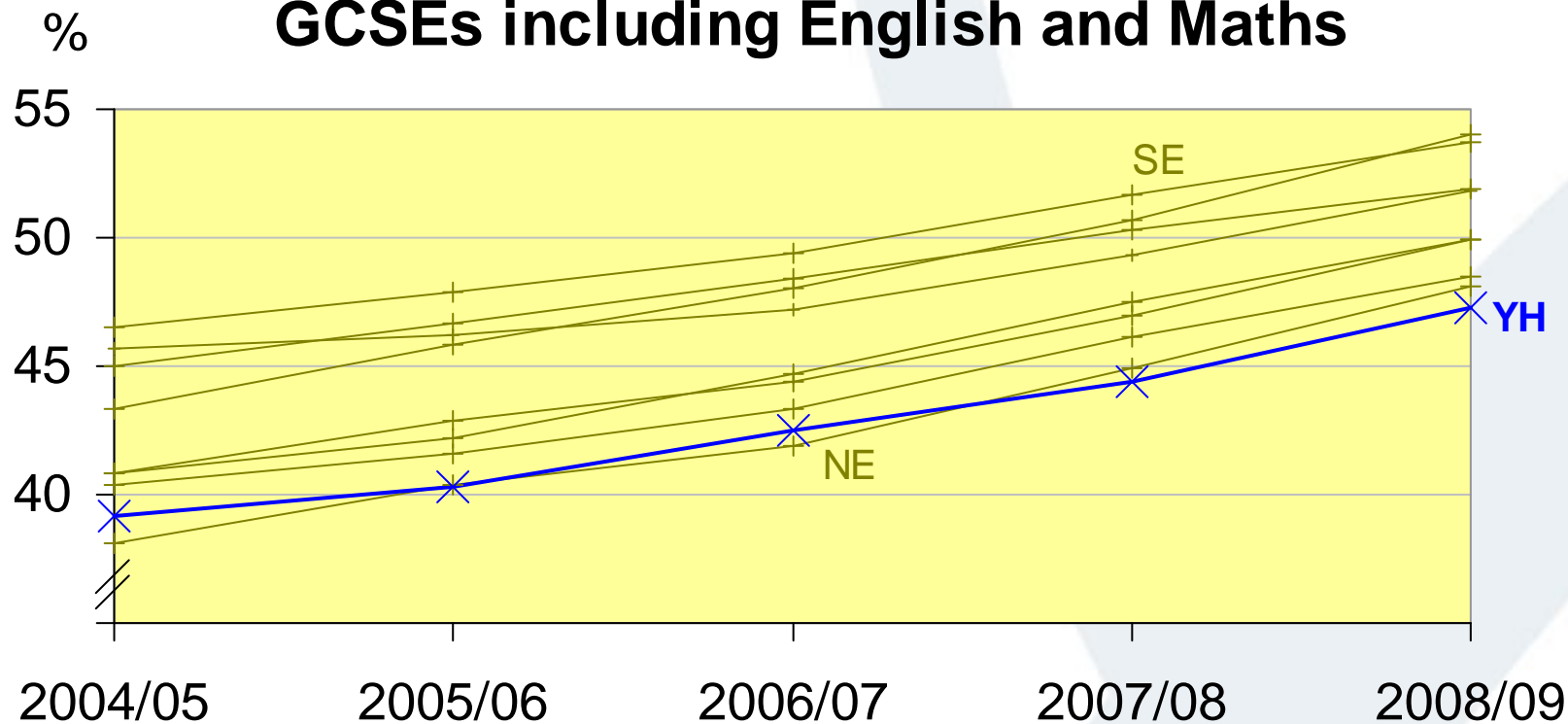
Claimant Count, each December, as a proportion of working age residents



Source: www.nomisweb.co.uk

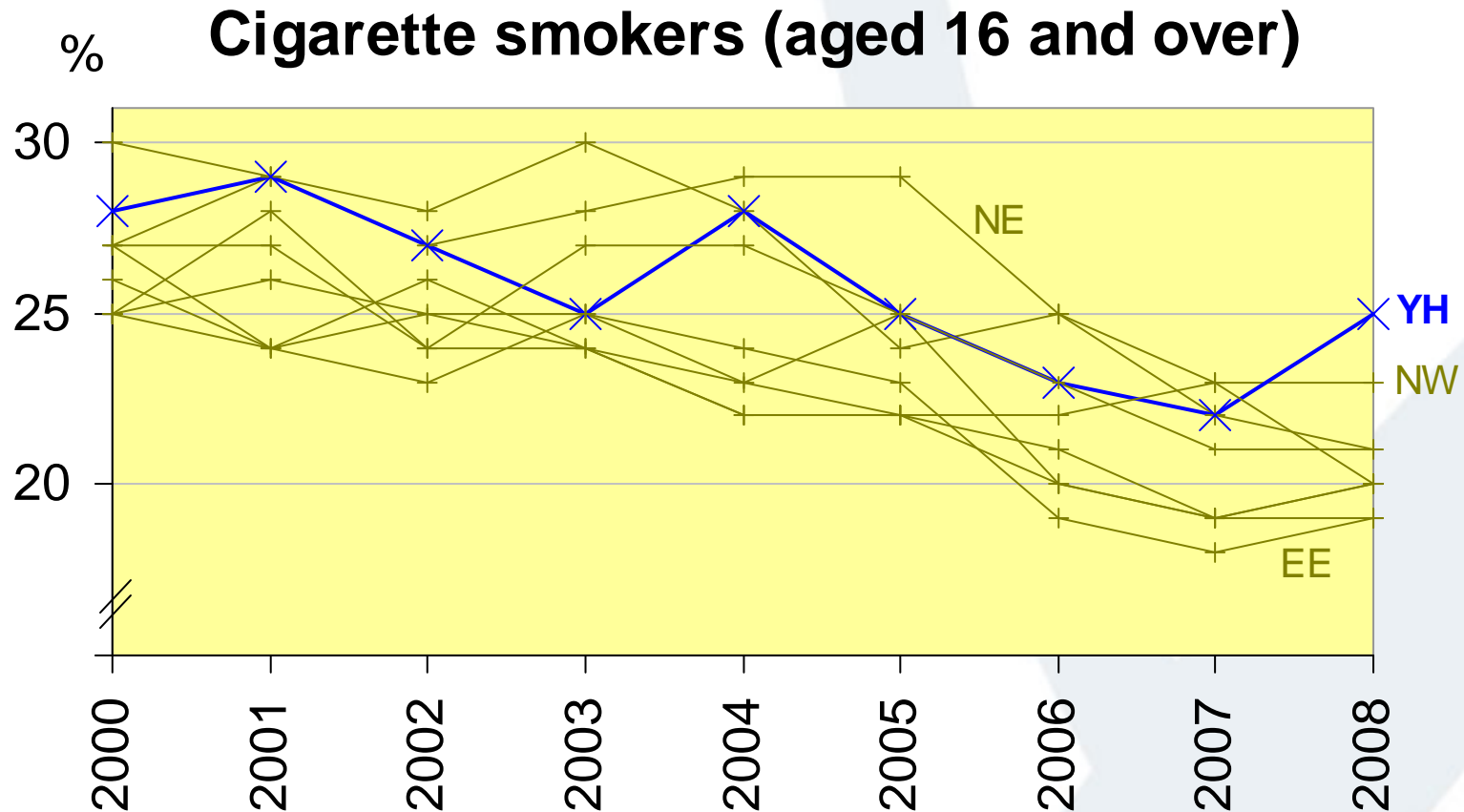
School leavers

Key stage 4 pupils achieving 5+ A* to C GCSEs including English and Maths



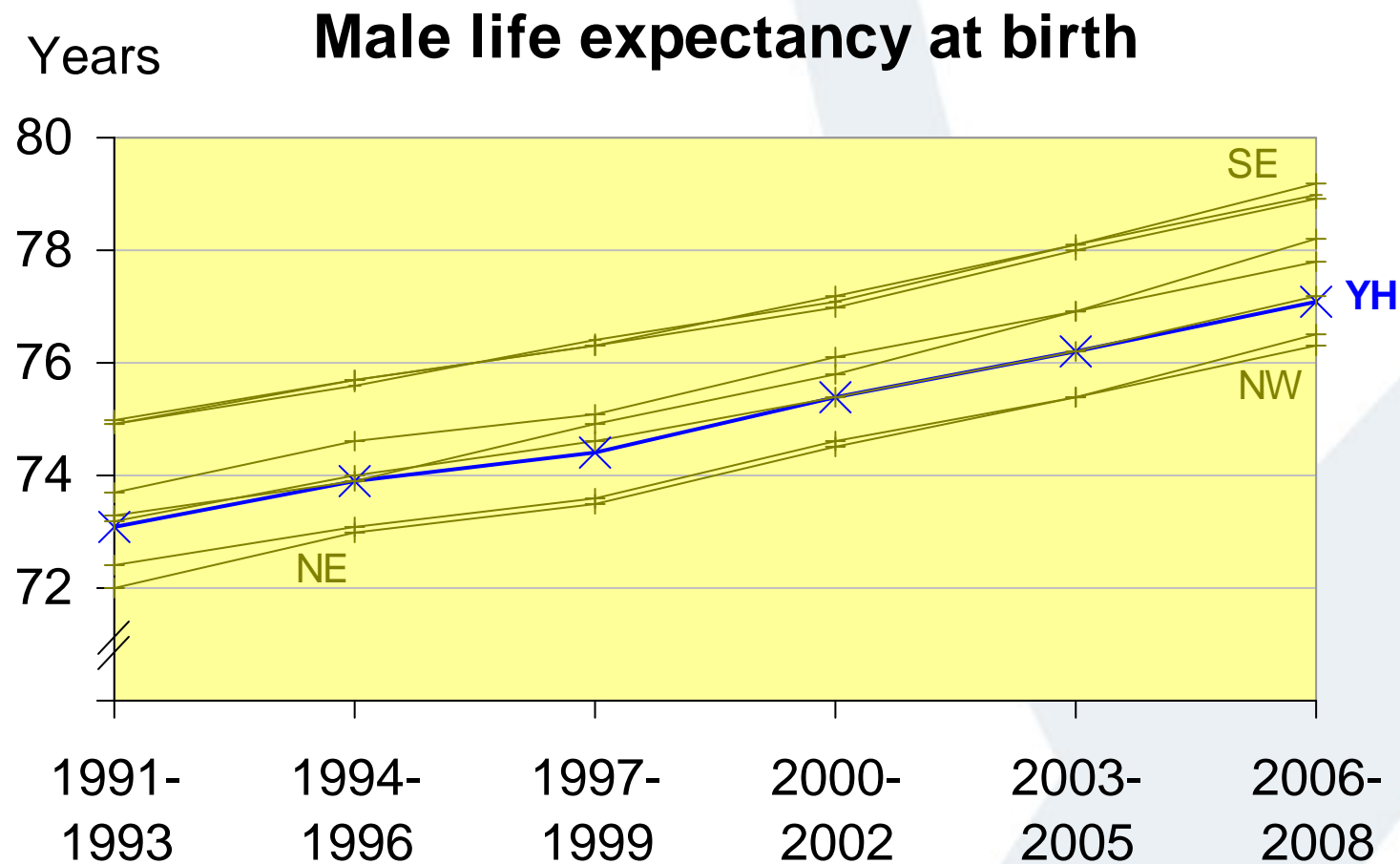
Source: DCSF, GCSE and Equivalent Results in England, 2008/09 (Revised) Table 17
www.dcsf.gov.uk/rsgateway/DB/SFR/s000909/index.shtml

Social trends (too speculative?)



Source: ONS General Lifestyle Survey Table 1.11
www.statistics.gov.uk/statbase/Product.asp?vlnk=5756

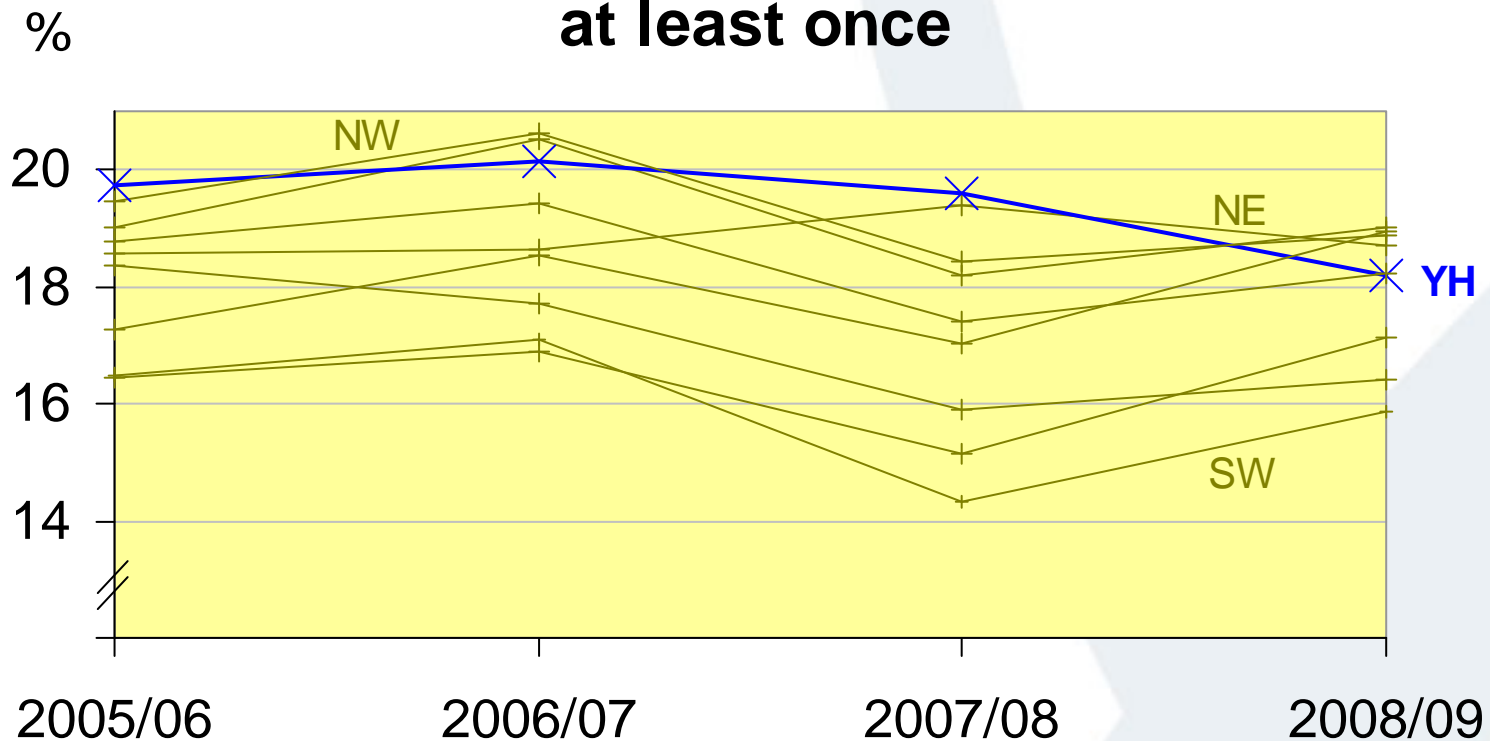
Life expectancy



Source: ONS, www.statistics.gov.uk/StatBase/Product.asp?vlnk=8841

Crime

Residents who were a victim of crime at least once



Source: British Crime Survey

<http://rds.homeoffice.gov.uk/rds/crimeew0809.html>

Similar story for Authority ranks 1, 2, 3

Urban		GVA/job	GDHI	Ents	JSA	Inact	Pay	GCSE	Life
8	Harrogate	15	1	2	2	4	1	2	3
2	Hambleton	15	1	1	2	6	8	2	1
4	Selby	15	1	3	7	1	3	2	8
14	York	4	9	10	6	5	5	1	3
3	Ryedale	15	1	4	5	7	14	2	5
5	Craven	15	1	5	2	14	12	2	2
7	East Riding	9	8	8	8	8	2	9	7
1	Richmondshire	15	1	15	1	2	20	2	6
10	Calderdale	6	11	6	13	12	6	10	13
9	Scarborough	15	1	14	14	3	19	2	10
18	Leeds	1	10	12	11	16	4	14	12
15	Kirklees	6	11	7	11	11	11	12	14
6	North Lincolnshire	2	15	13	16	10	9	16	11
11	Wakefield	6	11	21	9	13	18	11	16
20	Sheffield	10	14	20	10	19	7	17	9
19	NE Lincolnshire	2	15	11 ⁴	20	9	16	15	20
17	Bradford	5	20	8	14	18	13	19	17
16	Rotherham	12	17	19	18	15	17	13	14
13	Doncaster	12	17	16	19	17	14	18	17
12	Barnsley	12	17	17	17	20	10	20	19
21	Kingston upon Hull	11	21	18	21	21	21	21	21

See notes, abbreviations and definitions on next two slides

Sources and notes for previous slide

Urban	www.ons.gov.uk/about-statistics/geography/products/area-classifications/rural-urban-definition-and-la-classification/rural-urban-definition
GVA/job	http://neighbourhood.statistics.gov.uk/dissemination/Info.do;jessionid=ac1f930b30d6cc30029010c0497b895eae137d4e27b0?page=analysisandguidance/analysisarticles/localprofilelandingpage.htm
GDHI	www.statistics.gov.uk/StatBase/Product.asp?vlnk=14651
Ents	http://stats.bis.gov.uk/ed/national_indicators
JSA, Inact	www.statistics.gov.uk/StatBase/Product.asp?vlnk=15084 April 2010 zip
Pay	www.statistics.gov.uk/ashe 2009, Table 8.6a
GCSE	www.dcsf.gov.uk/rsgateway/DB/SFR/s000909 Tables 16 and 20
Life	www.statistics.gov.uk/StatBase/Product.asp?vlnk=8841

1. Authorities are listed by average rank excluding Urban.
2. Usually a rank of 1 is given for the highest value. The opposite is true for JSA and inactivity, where the policy aim is to reduce the value.
3. Where a figure is not available for an individual authority, a figure for the smallest available aggregation is used, and its rank matches those it is aggregated with.
4. North East Lincolnshire enterprise birth rate amended in line with expected revision in 2010 release.

County comparisons

Urban %		Ranks :	GDHI	Ents	JSA	Inact	Pay	GCSE	Life
51	York & North Yorks. CC	2	2	2	5	2	1	2	
74	Cheshire	1	1	4	6	1	2	5	
57	Suffolk	3	4	5	2	4	7	1	
49	Cumbria	4	3	3	3	5	5	7	
72	Derby and Derbyshire	5	6	7	1	3	4	6	
46	Norfolk	6	7	5	4	7	3	3	
37	Cornwall & Scilly Isles	7	5	1	7	8 ¹	6 ¹	4	
54	County Durham	8	8	8	8	6	7	8	

Urban	Proportion of Output Areas that are Urban	2004
GDHI	Headline Gross Disposable Household Income per head	2007
Ents	Births of new business enterprises per 10,000 adults	2008
JSA	Claimant count proportion per resident	Jun '10
Inact	Economic Inactivity (aged 16-64)	2009
Pay	Median hourly pay (adult rates, excluding overtime)	2009
GCSE	Key Stage 4 with 5+ GCSEs A*-C inc. English & maths	2008/09
Life	Male life expectancy at birth	2006-08

1. excludes Scilly Isles

Trend discernable in City Regions

Urban %		Ranks: GDHI	Ents	JSA	Inact	Pay	GCSE	Life
51	York and N Yorks	1	2	1	1	3	1	1
87	Nottingham CR	3	6	2	3	1	2	2
83	Leeds CR	2	3	3	2	5	5	3
97	Manchester CR	4	1	6	7	2	3	9
83	Tyne & Wear CR	8	10	5	4	6	4	6
81	Sheffield CR	7	8	4	5	8	10	5
98	Liverpool CR	5	7	8	10	7	6	10
71	Hull & Humber P. CR	6	5	7	6	10	9	4
99	Birmingham CR	10	4	10	9	4	7	8
87	Tees Valley CR	9	9	9	8	9	8	7

Urban	Proportion of Output Areas that are Urban	2004
GDHI	Headline Gross Disposable Household Income per head	2007
Ents	Births of new business enterprises per 10,000 adults	2008
JSA	Claimant count proportion per resident	Jun '10
Inact	Economic Inactivity (men 16-64, women 16-59)	2008
Pay	Median hourly pay (adult rates, excluding overtime)	2009
GCSE	Key Stage 4 with 5+ GCSEs A*-C inc. English & maths	2008/09
Life	Male life expectancy at birth	2006-08

City region definitions used

York and NY: York, North Yorkshire CC

Nottingham CR Nottingham, Erewash, Broxtowe, Gedling, Rushcliffe

Leeds CR West Yorkshire plus York, Craven, Harrogate, Selby, Barnsley

Manchester CR Greater Manchester

Tyne & Wear CR Tyne and Wear plus Chester-le-Street, Derwentside, Durham, Easington, Blyth Valley, Castle Morpeth, Tynedale, Wansbeck

Liverpool CR Halton, Knowsley, Liverpool, St. Helens, Sefton, Wirral

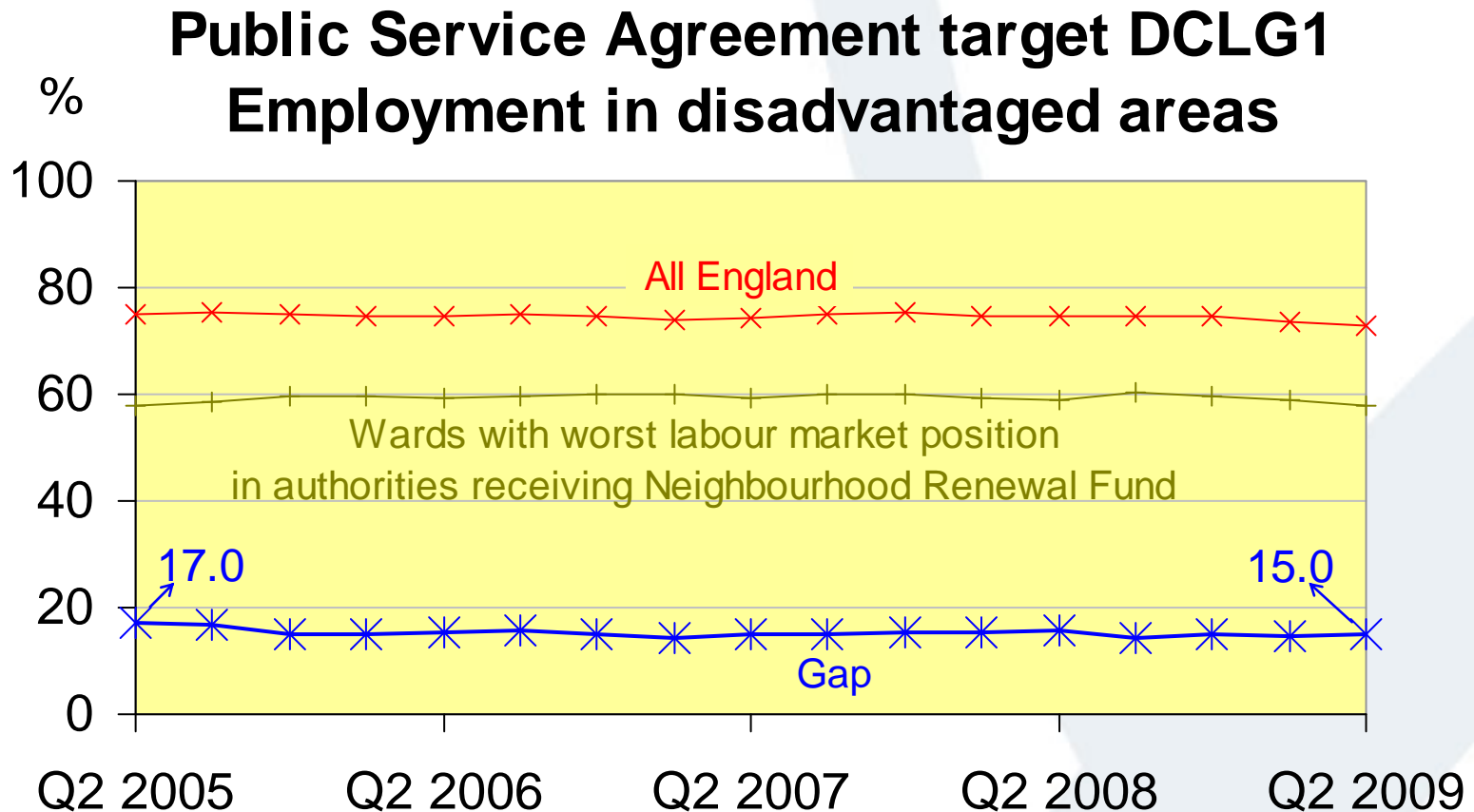
Sheffield CR South Yorkshire plus Bolsover, Chesterfield, Derbyshire Dales, North East Derbyshire, Bassetlaw

Hull & H. Ports CR East Riding of Yorkshire, Kingston upon Hull, North East Lincolnshire, North Lincolnshire

Birmingham CR Birmingham, Dudley, Sandwell, Solihull, Walsall, Wolverhampton

Tees Valley CR Darlington, Hartlepool, Middlesbrough, Redcar and Cleveland, Stockton-on-Tees, Sedgefield

Caution – change is slow



Source: Department for Communities and Local Government
www.fti.communities.gov.uk/NationalTargets.aspx