

Two Research Studies:

PATTERNS OF EDUCATIONAL ATTAINMENT IN THE BRITISH COALFIELDS

Brief No: RB314 Tony Gore and Nicola Smith, CRESR, Sheffield Hallam University

Key findings

- Up to age 16 years, educational attainment in both coalfield and comparator areas was below the national average.
- The disparity in attainment increased with age, so that the gap to the average for those finishing compulsory education was much greater than for those just starting it. This pattern reflects that found nationally among schools classed as deprived according to levels of entitlement to Free School Meals - performance which is somewhat below average at primary level becomes more markedly so through secondary school.
- Between 1998 and 2000, there was convergence between coalfields/comparators and national averages with respect to attainment at Key stages 1 and 2 in England. By 2000, performance at Key Stage 1 in the English coalfields was at the level of the national average.
- However, the larger differences at Key stage 3 and GCSE showed little change over the three years, with the most marked disparities to be found at higher levels of achievement (in England, the proportion achieving 5 or more GCSE passes at grades A* to C in coalfields and comparators was 7-10% below national average).
- A similar pattern of disparity is to be found in post-16 education, with performance levels at GCE A/AS level in coalfield and comparator areas fall well below national averages, especially at higher levels of achievement (in England, the proportion achieving 2 or more passes at A/AS level was 3-5% below national average, reflected in a point score 1.0 - 2.3 points below average).

RAISING ATTAINMENT IN SCHOOLS IN FORMER COALFIELDS AREAS

Brief No: 423 Professor Alma Harris, Daniel Muijs and Christopher Chapman, University of Warwick , Professor Louise Stoll and Jen Russ, University of Bath

Key findings:

- A number of external conditions can help schools improve:
 - The dominant factors affecting school performance in the former coalfield areas are those associated with extreme social disadvantage. These negative external factors are compounded in certain coalfield areas and present a significant challenge to schools in raising levels of achievement.
 - Additional resources and support through external interventions or projects such as EAZs etc; changes in the social mix of the pupil population and having a specialist status designated to the school were found to be positive external factors.
- Internal conditions which led to school improvement were found to be as follows:
 - Leadership of the Head was a significant factor in all the schools studied. Leadership values were primarily moral (dedicated to pupil and staff welfare). The prevailing form of leadership in the schools was distributed, for example, shared within departments, rather than top-down,
 - Schools made strenuous efforts to address the culture of low expectations that was often present. Common strategies to raise expectations included speech days, award ceremonies, celebratory events and reward schemes.
 - Staff in these schools worked together as a learning community and focused on building relationships with the external community.
- Five key strategies, all focused on teaching and learning, were used to raise attainment:
 - Improving literacy and numeracy through additional support and time for these subjects.
 - The establishment of special groups (i.e. express groups).
 - Use of data to inform decision making
 - Use of learning mentors
 - Securing forms of professional support and development that impact directly upon classroom practice.

Review of pupil and school performance in former Nottinghamshire coalfield areas

COALFIELD DEFINITIONS

Definition 1:

Coalfield Taskforce (1998) / Coalfield Regeneration Trust

Contains both areas that are defined as either 'coalfield areas' or 'pit villages'. The coalfields are defined as contiguous groups of wards in which at least 10 per cent of the resident males in employment at the time of the 1981 Census of Population were engaged in this energy and water sector. In these areas, this sector overwhelmingly comprises coalmining. This statistical threshold was interpreted flexibly, for example to include some wards that did not meet the 10 per cent criterion but were largely or wholly surrounded by other coalfield wards. In the Lancashire and North Staffordshire coalfields, which are urban in character and have a more diverse industrial base, some wards with slightly lower dependence on coal were included.

Pit villages are defined as settlements (some rather larger than villages) that form part of the coalfields and comprise wards in which at least 25 per cent of the resident males in employment at the time of the 1981 Census of Population were engaged in the energy and water sector. The pit villages are in a sense the heart of the coalfields and invariably have a strong self-identity as mining communities. A pit village may not always have its own pit, as in some cases the local mine may have closed much earlier but a high dependence on the coal industry remained as men travelled to work in nearby pits.

Definition 2:

Office of the Deputy Prime Minister

The ODPM undertook a study to update the definition created by Sheffield Hallam University (SHU) and is based largely on the health of the ward constituents and the employment they serve.

Because of the severe decline in the number of men employed in the coal industry¹, the ODPM based their data on the 1991 population census. Furthermore, because of the continuing health problems of ex-miners, this was also used as a real factor.

The ODPM's definition of coalfield communities is an inner sub-set of the original definition, which might combine more recent mining activity with continuing deprivation, whereas SHU's definition covers a broader area reflecting the historic presence of coal mining activity.

The ODPM's recommendations for the criteria are as follows:

- 10.0% or more of male employment, 1991, in coal mining **OR**

¹ The SHU definition is based upon the 1981 Population census (269,000 employed in the coalmining industry). In 2001 there were only 12,000.

Appendix 2 (continued/...)

- 5.0%-9.9% of male employment, 1991, in coal mining within Zone A² wards, if the Ward also lay in the worst 20% of all wards on the Health domain in the Index of Multiple Deprivation, 2000, **OR**
- Any further wards (as individuals or pairs) which were completely surrounded by wards which qualified for either of the above criteria, or were bounded entirely by qualifying wards and the sea.

The wards included based on this criteria reflect that male employment is the greatest influence on classification. However, extreme health conditions (the worst ten percent) is also highly prevalent.

² Zone A wards are those as defined by SHU.

Review of pupil and school performance in former Nottinghamshire coalfield areas

Performance at the end of KS1

	KEY STAGE 1 % LEVEL 2+ ALL PUPILS											
	Reading				Writing				Maths			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	83.2	80.2	82.3	82.9	83.9	83.1	80.7	80.2	91.4	89.9	91.1	90.6
Bassetlaw	85.0	83.9	83.6	83.6	83.8	85.7	78.4	81.4	90.7	91.5	90.8	91.2
Broxtowe	86.9	88.8	85.6	87.2	89.5	90.5	85.7	87.9	93.4	94.6	92.3	94.4
Gedling	89.5	88.1	86.4	89.1	89.4	89.3	85.9	86.5	95.6	93.0	93.8	94.6
Mansfield	82.1	82.6	79.7	80.6	84.0	82.6	77.3	78.6	91.3	89.9	87.5	88.6
Newark	83.9	85.9	86.3	85.2	86.4	87.0	85.2	83.8	93.0	91.3	92.7	91.4
Rushcliffe	90.0	88.8	91.4	90.6	92.2	91.5	90.9	90.6	95.1	94.3	95.2	95.2
Coalfield Schools	84.7	84.0	82.8	83.8	85.8	84.9	80.7	81.9	92.0	91.0	90.2	91.3
LEA	85.4	85.0	84.6	85.6	86.6	86.7	82.9	83.7	92.5	91.6	91.5	91.9
England	84.0	84.0	84.0	85.0	86.0	86.0	81.0	82.0	91.0	90.0	90.0	90.0

	KEY STAGE 1 % LEVEL 2+ BOYS											
	Reading				Writing				Maths			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	77.3	76.5	81.3	78.2	77.3	79.2	78.5	74.5	90.4	89.9	91.6	88.9
Bassetlaw	82.2	80.1	78.6	80.1	81.4	81.1	70.8	77.0	91.3	90.5	88.7	91.5
Broxtowe	83.6	85.7	81.3	82.4	85.5	87.0	81.3	82.5	93.1	93.3	90.8	93.5
Gedling	85.6	84.5	82.4	85.2	85.6	85.0	81.3	82.4	95.1	91.4	93.8	93.2
Mansfield	78.7	76.9	77.0	75.2	79.4	75.7	74.3	72.3	91.0	88.2	87.3	87.3
Newark	79.6	83.0	81.5	80.3	82.6	82.7	79.2	78.5	91.4	90.1	91.5	89.7
Rushcliffe	86.4	86.4	89.9	86.9	89.3	89.7	87.9	86.5	94.9	93.8	94.7	94.4
Coalfield Schools	81.0	80.0	79.5	79.7	81.8	80.2	76.5	76.9	91.6	90.1	89.5	90.4
LEA	81.4	81.3	81.2	81.1	82.4	82.4	78.5	78.6	91.9	90.5	90.7	90.7
England	80.0	81.0	80.0	81.0	82.0	82.0	76.0	76.0	90.0	89.0	89.0	89.0

	KEY STAGE 1 % LEVEL 2+ GIRLS											
	Reading				Writing				Maths			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	89.4	84.2	83.4	88.0	90.7	87.4	82.9	86.2	92.5	90.0	90.6	92.6
Bassetlaw	88.1	88.1	88.4	87.0	86.5	90.7	85.5	85.8	90.1	92.5	92.7	90.9
Broxtowe	90.2	92.0	89.9	92.2	93.5	94.1	90.1	93.3	93.7	95.9	93.7	95.3
Gedling	93.9	91.6	90.5	93.3	93.7	93.6	90.7	90.7	96.2	94.6	93.8	95.9
Mansfield	85.3	88.0	82.3	85.8	88.7	89.2	80.3	84.8	91.7	91.6	87.7	89.9
Newark	89.1	88.9	91.3	90.6	91.0	91.4	91.5	89.6	94.9	92.5	94.0	93.2
Rushcliffe	93.7	91.5	93.1	94.9	95.2	93.6	94.2	95.4	95.3	94.8	95.7	96.1
Coalfield Schools	88.6	88.0	86.2	88.2	90.1	89.6	84.9	87.1	92.4	91.9	91.0	92.3
LEA	89.7	88.9	88.1	90.2	91.1	91.1	87.5	89.0	93.2	92.8	92.3	93.1
England	88.0	88.0	88.0	89.0	90.0	90.0	87.0	87.0	92.0	92.0	91.0	92.0

Review of pupil and school performance in former Nottinghamshire coalfield areas

Performance at the end of KS1

	KEY STAGE 1 % LEVEL 3 ALL PUPILS											
	Reading				Writing				Maths			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	27.5	27.2	25.9	27.8	11.6	9.6	19.9	18.0	27.8	28.5	29.2	30.2
Bassetlaw	24.9	29.9	26.6	26.1	11.8	12.9	18.9	20.3	25.1	30.1	29.7	29.2
Broxtowe	33.5	38.1	30.2	36.6	15.7	18.2	23.6	24.8	30.5	37.1	30.4	35.0
Gedling	34.0	32.4	29.7	30.8	17.6	15.9	24.8	22.2	33.6	35.6	30.0	30.7
Mansfield	25.3	25.9	22.5	24.2	10.0	8.6	14.3	15.4	24.8	27.5	25.3	25.4
Newark	29.3	30.2	26.0	31.5	13.8	13.8	19.5	19.7	30.0	32.7	29.2	32.9
Rushcliffe	34.5	37.9	39.5	41.0	17.8	20.2	28.3	29.1	38.2	40.4	44.3	43.1
Coalfield Schools	26.8	28.5	25.0	27.6	12.0	11.0	18.8	18.5	26.3	29.2	27.9	28.5
LEA	29.7	31.4	28.4	30.8	13.9	14.0	21.3	21.5	29.8	32.9	30.9	32.1
England	29.0	30.0	28.0	29.0	9.0	9.0	16.0	16.0	28.0	31.0	29.0	28.0

	KEY STAGE 1 % LEVEL 3 BOYS											
	Reading				Writing				Maths			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	24.0	24.3	20.6	20.4	9.0	6.5	14.3	11.6	30.3	30.2	31.7	32.4
Bassetlaw	21.5	26.9	21.9	20.9	9.2	11.4	14.7	14.0	28.5	33.8	31.3	29.9
Broxtowe	29.5	35.5	25.6	29.5	11.5	14.5	17.6	16.5	31.5	39.9	33.4	37.9
Gedling	32.3	29.2	24.4	27.0	14.9	13.0	18.6	18.0	37.5	39.1	33.0	35.1
Mansfield	23.5	24.3	17.7	20.5	6.7	5.8	9.6	10.0	28.7	31.8	28.1	28.1
Newark	25.5	27.7	22.4	26.5	10.5	10.5	14.8	14.3	32.5	33.6	31.1	35.6
Rushcliffe	30.8	33.3	35.4	34.3	12.8	14.4	22.0	21.1	42.0	41.1	47.3	44.5
Coalfield Schools	24.5	26.6	19.7	22.5	9.5	8.7	13.6	12.8	30.0	32.4	30.6	31.1
LEA	26.5	28.5	23.8	25.4	10.6	10.8	15.8	15.3	32.7	35.3	33.4	34.6
England	25.0	26.0	24.0	24.0	7.0	7.0	11.0	11.0	30.0	33.0	32.0	31.0

	KEY STAGE 1 % LEVEL 3 GIRLS											
	Reading				Writing				Maths			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	31.2	30.4	31.5	35.7	14.4	12.9	25.9	24.7	25.1	26.7	26.6	27.8
Bassetlaw	28.7	33.2	31.1	31.2	14.8	14.7	22.8	26.7	21.3	26.1	28.2	28.4
Broxtowe	37.6	40.7	34.8	43.8	20.0	22.0	29.7	33.3	29.5	34.1	27.4	32.0
Gedling	36.0	35.5	35.3	34.6	20.6	18.8	31.3	26.7	29.1	32.2	27.0	26.2
Mansfield	27.1	27.5	27.2	27.8	13.3	11.3	19.0	20.9	20.9	23.4	22.4	22.7
Newark	33.8	32.6	29.8	36.9	17.7	17.1	24.3	25.3	27.0	31.8	27.3	29.9
Rushcliffe	38.4	42.7	44.1	48.7	23.1	26.3	35.1	38.1	34.2	39.7	40.9	41.5
Coalfield Schools	29.3	30.4	30.3	32.8	14.7	13.3	24.1	24.6	22.5	25.9	25.2	25.9
LEA	33.1	34.4	33.3	36.6	17.5	17.4	26.6	28.1	26.6	30.4	28.2	29.5
England	33.0	34.0	32.0	33.0	12.0	12.0	21.0	21.0	25.0	29.0	27.0	25.0

Review of pupil and school performance in former Nottinghamshire coalfield areas

Performance at the end of KS2

KEY STAGE 2 % LEVEL 4 ALL PUPILS												
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	66.1	72.1	69.1	71.1	83.2	86.9	84.5	84.5	65.8	70.1	72.0	73.2
Bassetlaw	68.0	76.2	72.8	73.3	87.3	88.2	86.4	84.8	68.1	75.3	75.6	72.7
Broxtowe	77.0	78.3	78.5	81.5	91.6	89.0	92.1	92.5	80.2	78.8	81.0	81.4
Gedling	70.7	76.2	76.1	77.8	89.8	88.4	89.7	89.4	76.7	77.4	76.6	83.2
Mansfield	59.6	63.1	64.8	68.0	82.5	80.5	81.4	82.6	67.5	68.2	69.1	71.4
Newark	70.2	73.2	73.3	73.6	87.5	86.9	89.5	84.5	74.7	75.9	75.2	74.3
Rushcliffe	83.3	86.3	83.8	89.4	95.4	95.0	94.6	96.7	85.1	86.3	86.0	89.2
Coalfield Schools	67.4	71.8	70.1	72.7	86.1	85.9	85.0	85.0	70.2	72.5	73.0	74.1
LEA	69.9	74.6	73.7	75.7	87.5	87.3	87.8	87.6	73.2	75.4	76.1	77.7
England	71.0	73.0	73.0	74.0	87.0	86.0	87.0	86.0	75.0	75.0	75.0	77.0

KEY STAGE 2 % LEVEL 4 BOYS												
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	66.4	73.2	68.0	71.9	83.6	88.4	83.7	85.1	59.7	64.8	62.2	68.7
Bassetlaw	67.6	76.5	72.1	73.6	87.3	88.9	86.7	82.1	62.2	71.9	70.3	65.1
Broxtowe	78.6	78.8	78.9	80.8	92.0	88.5	92.1	94.1	76.5	74.3	76.7	74.7
Gedling	71.5	76.3	78.1	77.8	90.0	88.9	90.4	89.8	71.5	73.4	74.1	79.2
Mansfield	57.8	62.2	65.6	67.2	80.8	79.3	80.0	82.3	58.5	62.7	63.7	63.4
Newark	73.6	73.5	72.9	71.1	89.8	87.1	89.7	83.1	71.9	70.4	68.6	67.2
Rushcliffe	81.4	85.8	83.0	90.3	94.2	94.1	92.8	97.9	81.0	82.1	81.6	86.0
Coalfield Schools	67.0	71.8	70.1	72.1	86.2	86.1	84.3	84.4	65.0	67.8	66.9	67.3
LEA	70.1	74.6	73.6	75.4	87.5	87.2	87.3	87.4	67.5	70.7	70.6	71.7
England	71.0	73.0	73.0	74.0	87.0	86.0	86.0	86.0	70.0	70.0	70.0	72.0

KEY STAGE 2 % LEVEL 4 GIRLS												
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	65.7	71.0	70.3	70.3	82.8	85.5	85.2	84.0	72.0	75.4	82.1	77.9
Bassetlaw	68.4	75.8	73.6	73.1	87.3	87.3	86.1	87.6	74.3	79.2	81.0	80.2
Broxtowe	75.4	77.7	78.2	82.2	91.2	89.4	92.3	91.3	84.1	83.2	86.2	88.1
Gedling	69.9	76.3	74.1	77.8	89.6	87.9	89.1	89.0	82.0	81.9	79.2	87.3
Mansfield	61.5	64.0	64.0	68.9	84.3	81.8	83.1	83.0	77.8	73.8	74.9	79.9
Newark	66.6	72.8	73.6	76.0	85.2	86.6	89.2	85.9	77.5	81.6	82.1	81.0
Rushcliffe	85.4	86.9	84.5	88.4	96.9	95.9	96.5	95.4	89.7	90.5	90.6	92.9
Coalfield Schools	67.8	71.7	70.0	73.3	86.0	85.8	85.7	85.7	75.6	77.6	79.2	80.9
LEA	69.8	74.7	73.7	76.1	87.5	87.5	88.3	87.8	78.6	80.3	82.0	83.7
England	70.0	73.0	72.0	74.0	88.0	87.0	87.0	86.0	80.0	79.0	81.0	83.0

Review of pupil and school performance in former Nottinghamshire coalfield areas

Performance at the end of KS2

KEY STAGE 2 % LEVEL 5 ALL PUPILS												
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	19.8	24.6	22.5	25.5	29.3	37.1	35.4	38.7	23.8	23.6	22.4	23.5
Bassetlaw	23.2	28.6	31.3	32.6	33.6	38.0	40.9	41.6	23.5	25.7	29.6	23.9
Broxtowe	29.6	31.1	35.8	38.6	44.0	43.3	49.0	52.8	31.3	31.5	31.7	29.0
Gedling	23.1	27.5	27.6	34.3	36.1	39.0	44.4	48.3	31.5	30.8	26.1	31.4
Mansfield	17.8	18.2	20.6	23.1	26.7	30.8	29.7	37.1	22.5	26.1	21.1	18.7
Newark	24.4	27.2	29.2	29.8	35.0	37.0	40.5	40.2	26.2	29.2	27.7	29.4
Rushcliffe	34.8	40.4	39.3	46.7	48.0	56.7	58.0	66.6	38.0	42.7	39.0	37.2
Coalfield Schools	22.0	24.6	25.6	28.5	31.7	36.7	37.0	41.4	24.1	26.0	24.4	23.8
LEA	24.3	27.8	29.2	32.4	35.5	39.8	42.0	45.8	27.5	29.4	28.0	27.2
England	25.0	28.0	29.0	31.0	34.0	38.0	41.0	43.0	29.0	29.0	27.0	27.0

KEY STAGE 2 % LEVEL 5 BOYS												
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	20.3	26.1	26.1	28.0	29.4	37.4	35.9	39.2	18.4	18.0	15.4	18.2
Bassetlaw	24.6	31.1	35.5	35.6	33.5	39.7	42.8	41.0	17.1	21.5	24.5	18.1
Broxtowe	33.2	33.0	37.3	40.7	43.9	43.6	46.1	53.8	25.4	25.8	23.8	23.7
Gedling	23.9	30.9	33.6	34.1	36.7	39.0	46.3	48.4	25.9	24.8	21.7	22.2
Mansfield	18.2	18.9	23.1	25.7	25.4	30.5	27.6	37.2	15.9	21.0	15.0	15.3
Newark	28.7	29.3	30.4	32.6	38.9	38.5	39.0	40.5	21.9	25.0	20.7	24.5
Rushcliffe	39.9	43.9	44.0	46.1	49.4	58.1	56.5	67.5	31.2	37.2	31.6	28.5
Coalfield Schools	23.0	26.9	29.2	30.6	31.1	37.1	37.0	41.5	18.1	21.3	18.3	18.1
LEA	26.4	29.8	32.4	34.2	36.0	40.2	41.4	46.1	21.7	24.0	21.5	21.2
England	27.0	30.0	32.0	33.0	34.0	38.0	40.0	43.0	22.0	24.0	21.0	21.0

KEY STAGE 2 % LEVEL 5 GIRLS												
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	19.3	23.0	18.9	22.9	29.3	36.8	34.8	38.2	29.2	29.1	29.6	29.1
Bassetlaw	21.5	25.8	27.0	29.6	33.7	36.0	39.1	42.2	30.0	30.5	34.7	29.5
Broxtowe	25.8	29.2	34.1	36.5	44.2	43.0	52.4	51.7	37.7	37.3	41.0	34.4
Gedling	22.3	23.7	21.5	34.5	35.4	39.0	42.4	48.2	37.2	37.4	30.6	40.2
Mansfield	17.4	17.5	17.9	20.3	28.3	31.1	32.0	37.1	29.9	31.3	27.7	22.2
Newark	20.0	25.0	27.9	27.2	31.1	35.5	42.1	39.9	30.6	33.6	35.2	34.0
Rushcliffe	28.9	36.9	34.4	47.4	46.3	55.4	59.4	65.6	45.6	48.1	46.6	46.7
Coalfield Schools	20.9	22.0	21.9	26.5	32.4	36.3	36.9	41.3	30.2	31.0	30.7	29.4
LEA	22.1	25.7	25.6	30.6	35.1	39.3	42.6	45.5	33.8	35.0	34.9	33.2
England	23.0	25.0	26.0	29.0	34.0	37.0	41.0	42.0	35.0	34.0	33.0	33.0

Review of pupil and school performance in former Nottinghamshire coalfield areas

Performance at the end of KS3

	KEY STAGE 3 % LEVEL 5 ALL PUPILS											
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	53.3	59.1	63.3	66.3	56.4	57.4	61.8	58.9	48.8	60.1	60.3	61.5
Bassetlaw	62.4	63.0	62.7	65.8	62.2	65.4	63.1	60.9	58.7	61.3	58.7	60.5
Broxtowe	66.9	68.0	73.2	74.2	66.8	65.4	68.8	65.1	64.6	61.7	60.2	65.3
Gedling	65.8	69.4	70.4	73.5	67.4	70.5	67.1	66.2	61.1	66.6	75.6	70.6
Mansfield	58.3	60.5	63.3	66.6	56.1	60.3	60.6	55.7	53.9	50.8	56.7	61.3
Newark	66.2	69.0	69.0	70.2	66.2	69.4	69.1	66.2	60.6	64.7	66.6	72.7
Rushcliffe	66.9	76.1	83.1	81.4	80.2	76.4	82.0	80.2	75.4	76.7	74.9	79.9
Coalfield Schools	61.2	63.4	65.4	68.1	62.1	63.1	63.1	60.4	57.4	60.0	62.8	63.9
LEA	62.6	65.7	68.6	70.9	65.0	66.0	67.1	64.7	59.6	62.1	64.8	67.3
England	66.0	67.0	71.0	73.0	66.0	67.0	68.0	66.0	65.0	67.0	69.0	71.0

	KEY STAGE 3 % LEVEL 5 BOYS											
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	54.7	59.3	62.3	64.0	58.3	58.9	61.5	56.0	39.6	50.9	53.0	51.9
Bassetlaw	60.6	63.1	62.1	67.2	62.2	65.8	63.5	61.4	49.5	51.6	50.9	54.4
Broxtowe	65.3	68.6	74.0	72.7	67.2	65.1	71.4	61.3	54.2	53.4	55.9	56.7
Gedling	65.3	69.4	69.3	71.4	67.7	71.5	66.5	65.2	53.2	55.9	68.8	63.5
Mansfield	58.4	59.2	62.9	63.9	57.0	61.3	61.7	53.7	46.6	41.9	48.8	51.3
Newark	65.8	68.3	67.3	70.8	67.9	68.8	69.4	66.7	52.7	57.9	60.8	68.8
Rushcliffe	65.7	77.3	83.6	81.0	79.7	78.1	83.9	78.6	66.8	69.7	70.6	73.3
Coalfield Schools	61.0	62.9	64.4	66.6	63.1	63.9	63.3	59.0	48.8	50.2	55.4	55.5
LEA	61.9	65.7	67.8	69.7	65.5	66.6	67.6	63.2	51.1	53.6	58.2	59.8
England	65.0	67.0	70.0	72.0	66.0	67.0	68.0	65.0	57.0	59.0	62.0	64.0

	KEY STAGE 3 % LEVEL 5 GIRLS											
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	51.9	58.9	64.3	68.5	54.6	55.8	62.0	61.6	58.2	69.7	67.1	70.7
Bassetlaw	64.4	62.9	63.2	64.3	62.1	65.1	62.7	60.4	68.8	70.8	66.5	67.1
Broxtowe	68.8	67.3	72.2	75.8	66.5	65.7	65.9	69.1	75.7	71.4	65.0	74.3
Gedling	66.4	69.5	71.6	75.6	67.2	69.4	67.7	67.2	69.5	77.9	82.5	77.8
Mansfield	58.3	62.0	63.7	69.5	55.2	59.1	59.3	57.8	61.4	61.0	65.1	72.2
Newark	66.7	69.8	70.7	69.6	64.4	70.0	68.9	65.6	68.8	71.9	72.5	76.9
Rushcliffe	68.1	74.8	82.7	81.9	80.8	74.6	80.1	81.8	84.3	84.5	79.0	86.9
Coalfield Schools	61.5	63.9	66.5	69.6	61.1	62.3	62.9	61.9	66.7	70.6	70.2	72.4
LEA	63.2	65.8	69.4	72.2	64.5	65.3	66.5	66.3	68.7	71.2	71.5	75.3
England	67.0	68.0	72.0	74.0	66.0	67.0	69.0	67.0	73.0	76.0	76.0	77.0

Review of pupil and school performance in former Nottinghamshire coalfield areas

Performance at the end of KS3

	KEY STAGE 3 % LEVEL 6 ALL PUPILS											
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	30.3	34.1	38.4	43.3	24.8	23.3	30.2	24.7	15.5	24.9	22.6	24.0
Bassetlaw	38.2	37.7	39.7	43.6	29.8	25.2	33.7	28.3	21.8	26.9	22.7	25.3
Broxtowe	40.3	42.3	50.1	49.1	33.1	29.8	38.2	32.7	26.1	27.3	26.9	26.1
Gedling	41.8	43.1	45.9	48.2	34.0	31.7	34.8	31.0	26.3	26.6	36.7	32.4
Mansfield	34.0	36.3	40.0	42.1	23.1	24.6	29.7	22.1	20.4	17.8	22.3	20.8
Newark	43.2	44.5	47.0	51.3	34.2	34.9	41.2	32.6	27.2	27.2	33.6	31.9
Rushcliffe	48.1	55.3	65.3	63.3	46.9	42.2	55.0	46.6	36.5	37.9	35.0	41.1
Coalfield Schools	36.9	37.8	41.0	44.5	28.8	26.4	32.1	26.4	21.4	24.5	26.3	25.6
LEA	39.3	42.1	46.2	48.7	32.4	30.3	37.3	31.2	24.6	26.4	28.6	28.9
England	43.0	45.0	49.0	52.0	34.0	33.0	40.0	34.0	32.0	33.0	35.0	34.0

	KEY STAGE 3 % LEVEL 6 BOYS											
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	32.3	36.3	38.2	42.2	28.4	25.9	30.9	22.6	13.0	18.4	17.4	16.7
Bassetlaw	38.3	38.8	38.0	45.3	32.4	26.2	33.3	29.5	15.1	19.3	16.9	19.6
Broxtowe	38.8	44.0	51.3	48.7	33.0	30.1	39.7	32.6	21.2	19.9	22.5	22.3
Gedling	42.3	44.1	48.2	48.1	35.3	33.0	37.9	32.5	19.0	19.0	32.2	26.5
Mansfield	35.6	36.0	39.3	40.2	26.3	25.7	32.0	20.1	16.1	11.2	18.1	13.9
Newark	42.2	45.2	45.8	55.2	33.5	37.8	40.5	37.1	21.5	20.6	25.2	26.1
Rushcliffe	49.3	56.2	67.0	64.5	49.1	45.2	56.3	47.7	29.7	28.6	27.4	34.4
Coalfield Schools	37.9	38.7	40.8	44.0	31.1	27.7	33.2	26.0	16.6	16.9	21.1	19.0
LEA	39.7	43.0	46.2	49.0	34.1	32.0	38.3	31.5	19.0	19.3	22.8	22.8
England	42.0	45.0	49.0	52.0	34.0	34.0	41.0	34.0	26.0	25.0	28.0	27.0

	KEY STAGE 3 % LEVEL 6 GIRLS											
	Maths				Science				English			
	2001	2002	2003	2004	2001	2002	2003	2004	2001	2002	2003	2004
Ashfield	28.1	32.3	38.5	44.4	21.1	20.6	29.5	26.8	18.0	31.7	27.6	31.0
Bassetlaw	38.2	36.6	41.4	41.7	26.9	24.3	34.0	27.0	29.2	34.4	28.6	31.5
Broxtowe	41.9	40.6	48.7	49.5	33.2	29.4	36.5	32.7	31.4	36.0	31.8	30.1
Gedling	41.3	42.5	43.5	48.4	32.6	30.3	31.8	29.5	34.2	34.7	41.2	38.4
Mansfield	32.4	36.5	40.9	44.2	19.9	23.3	27.3	24.4	24.8	25.5	26.8	28.3
Newark	44.2	43.2	48.2	47.2	34.8	31.7	41.9	27.8	33.0	34.2	42.1	38.0
Rushcliffe	47.0	54.8	63.7	62.2	44.6	38.8	53.8	45.4	43.6	48.1	42.4	48.2
Coalfield Schools	35.9	37.2	41.3	45.0	26.4	25.0	31.1	26.9	26.6	32.6	31.5	32.2
LEA	39.0	41.0	46.2	48.3	30.6	28.3	36.3	30.7	30.5	34.0	34.5	35.4
England	43.0	45.0	50.0	52.0	33.0	32.0	40.0	35.0	40.0	41.0	42.0	41.0

Review of pupil and school performance in former Nottinghamshire coalfield areas

Performance at the end of KS4

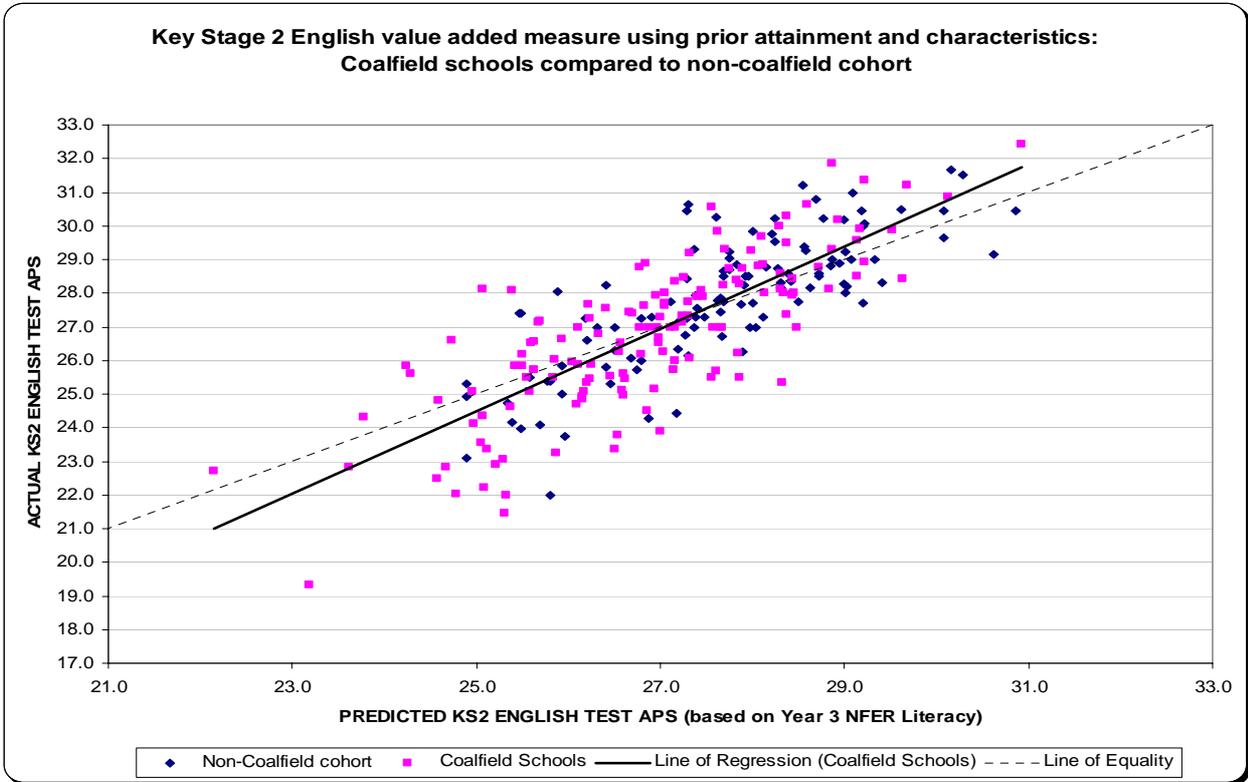
	KEY STAGE 4 % 5+ A*-C ALL PUPILS			
	2001	2002	2003	2004
Ashfield	38.4	40.0	37.3	40.5
Bassetlaw	43.5	44.8	43.7	43.8
Broxtowe	50.8	53.3	50.9	53.3
Gedling	49.1	48.7	50.9	49.6
Mansfield	36.1	40.0	35.7	38.2
Newark	43.6	41.5	47.4	46.6
Rushcliffe	62.1	62.8	63.3	61.1
Coalfield Schools	42.6	42.7	41.9	43.0
LEA	45.5	46.7	46.6	47.5
England	50.0	51.6	52.9	53.3

	KEY STAGE 4 % 5+ A*-C BOYS			
	2001	2002	2003	2004
Ashfield	31.1	33.3	34.7	37.1
Bassetlaw	38.5	39.9	37.4	37.8
Broxtowe	47.4	48.5	42.5	49.6
Gedling	44.4	44.3	46.7	45.3
Mansfield	30.9	33.9	31.5	34.0
Newark	40.0	42.2	42.2	43.1
Rushcliffe	55.1	58.8	58.8	55.8
Coalfield Schools	37.3	37.3	37.6	38.5
LEA	40.4	42.4	41.6	43.2
England	44.8	46.4	47.9	48.4

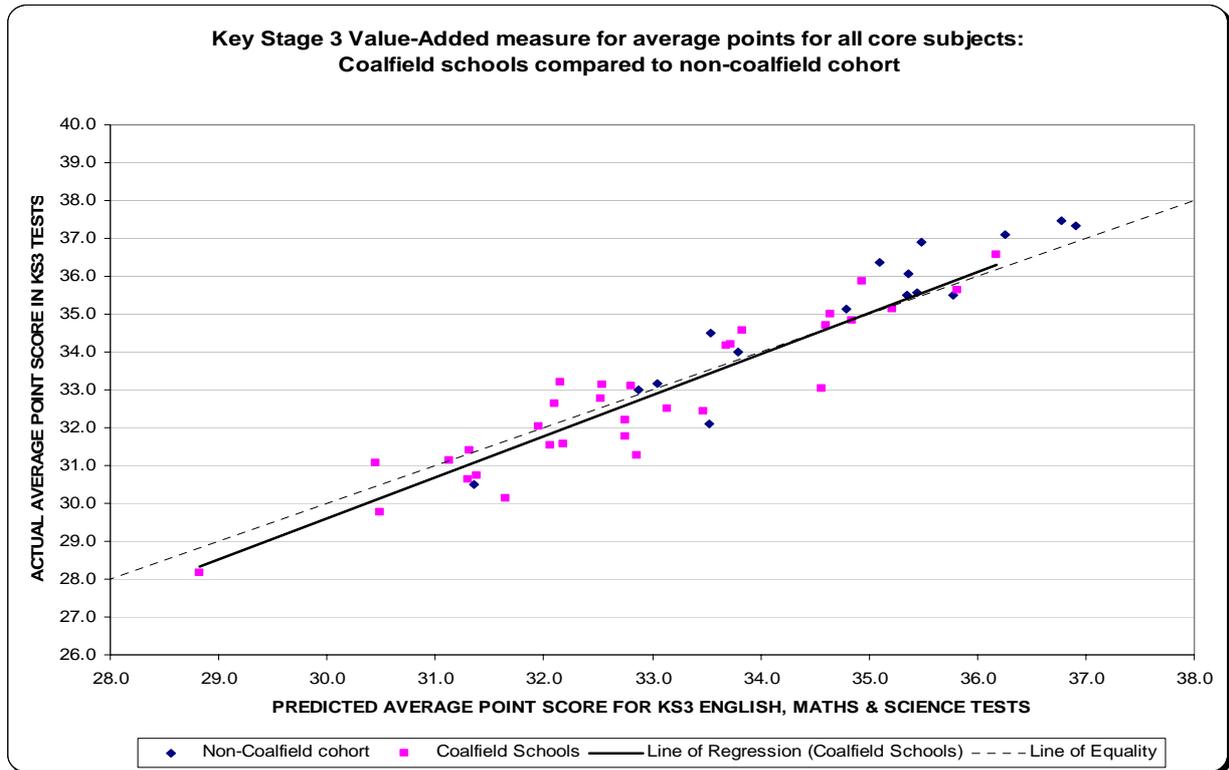
	KEY STAGE 4 % 5+ A*-C GIRLS			
	2001	2002	2003	2004
Ashfield	45.4	47.2	40.0	44.0
Bassetlaw	48.2	50.2	50.6	49.6
Broxtowe	54.8	58.7	59.7	57.3
Gedling	54.4	53.6	55.3	54.2
Mansfield	41.2	46.4	40.0	43.1
Newark	47.3	40.8	52.7	50.3
Rushcliffe	68.8	67.3	68.1	66.9
Coalfield Schools	48.1	48.6	46.4	47.8
LEA	50.8	51.4	51.9	52.1
England	55.4	57.0	58.2	58.4

Value Added Graphs for Key Stages 2 and 3

VALUE ADDED GRAPH - KEY STAGE 2

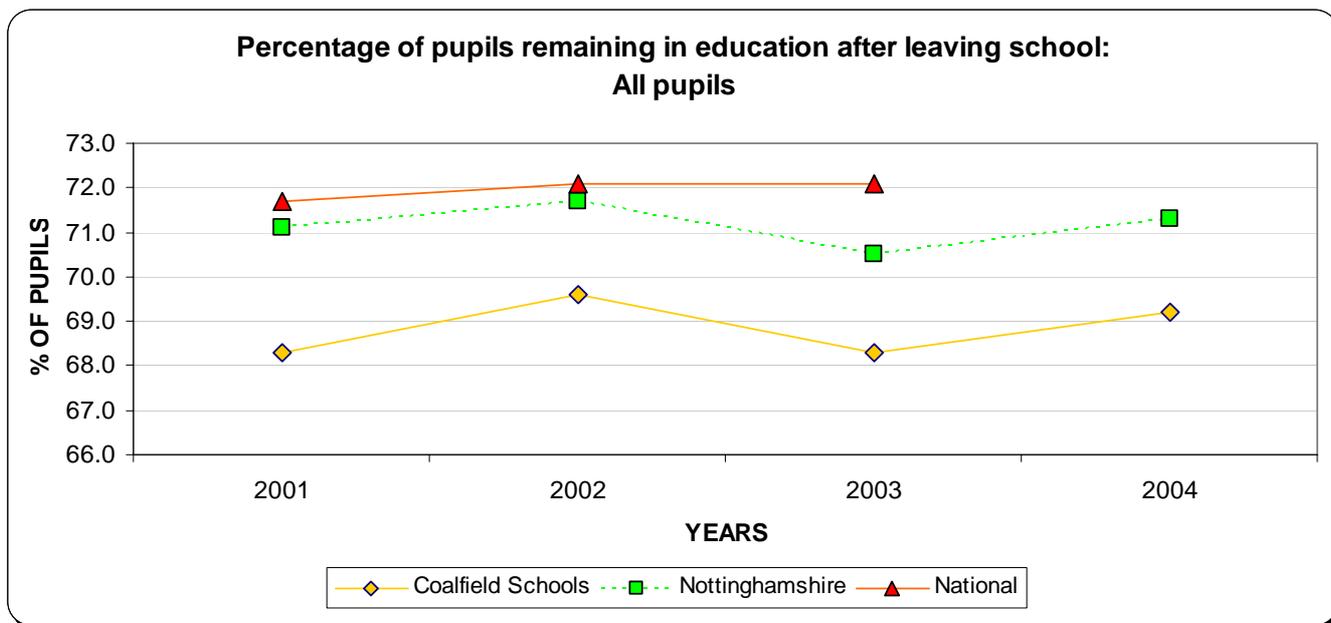


VALUE ADDED GRAPH - KEY STAGE 3



Review of pupil and school performance in former Nottinghamshire coalfield areas

	STAYING ON RATES			
	2001	2002	2003	2004
Ashfield	66.0	65.6	64.1	66.3
Bassetlaw	66.4	66.8	64.5	67.1
Broxtowe	74.4	72.9	73.4	72.4
Gedling	71.5	73.6	72.9	72.9
Mansfield	67.1	70.9	68.6	69.4
Newark	70.4	70.6	77.2	71.8
Rushcliffe	82.2	80.5	79.6	79.0
Coalfield Schools	68.3	69.6	68.3	69.2
LEA	71.1	71.7	70.5	71.3
England	71.7	72.1	72.1	



Messages from Primary Ofsted Inspections 2003/2004

		Percentage of good or better	Percentage of satisfactory or better	Percentage of less than satisfactory
The overall effectiveness of the school	FCA	70%	97%	3%
	LEA	69%	96%	4%
Overall standards achieved	FCA	58%	88%	12%
	LEA	60%	91%	9%
Pupils' achievement	FCA	73%	97%	3%
	LEA	71%	96%	4%
How inclusive the school is	FCA	91%	97%	3%
	LEA	87%	98%	2%
How the school's effectiveness has changed since its last inspection	FCA	77%	97%	3%
	LEA	68%	94%	6%
Value for money provided by the school	FCA	70%	97%	3%
	LEA	65%	96%	4%
Attendance	FCA	18%	61%	39%
	LEA	34%	67%	33%
Pupils' attitudes	FCA	94%	97%	3%
	LEA	93%	98%	2%
Behaviour, including the extent of exclusions	FCA	94%	100%	-
	LEA	91%	96%	4%
The quality of teaching	FCA	73%	97%	3%
	LEA	75%	96%	4%
Enrichment of the curriculum, including out-of-school activities	FCA	88%	97%	3%
	LEA	89%	98%	2%
The effectiveness of the school's links with parents	FCA	91%	100%	-
	LEA	85%	98%	2%
The quality of the school's links with the community	FCA	91%	100%	-
	LEA	85%	100%	-
The governance of the school	FCA	67%	97%	3%
	LEA	71%	96%	4%
The leadership of the head teacher	FCA	79%	100%	-
	LEA	82%	100%	-
The leadership of other key staff	FCA	64%	94%	6%
	LEA	65%	94%	6%
The effectiveness of management	FCA	70%	97%	3%
	LEA	71%	96%	4%

FCA = Former Coalfield Area

Review of pupil and school performance in former Nottinghamshire coalfield areas

Supporting Schools in former Coalfield Areas: Key Projects

Improving Schools

A Nottinghamshire LEA programme of intervention and support designed for schools with lower levels of attainment, typically (but not exclusively) with high FSM, in areas of social deprivation and with lower PANDA grades than similar schools (typically E or E*). The programme is based on a multi-agency, solutions-focused approach. The LEA works in partnership with the school leadership team to identify barriers to achievement and designs tailor-made programmes of support which could include work on improving behaviour, attendance and literacy/numeracy/ICT skills. The school receives access to a programme of training which is centrally funded by the LEA. Currently 30 schools receive support, to be increased to 40 from September 2005.

Intensifying Support Programme

A DfES designed initiative targeted on the lowest performing schools that have the leadership capacity to improve. Typically involves schools below the floor target of 65% level 4 in literacy and or numeracy and PANDA 'E or E*' against similar schools. The programme is very similar to Improving Schools but with a narrower focus. Schools carry out an audit to identify strengths and weakness in attainment and some aspects of provision and use this to create a Raising Achievement Plan (RAP). Each term the whole school works on a single issue and each teacher agrees curricular targets for their class. The school receives access to a programme of training which is centrally funded by the LEA. Currently 10 schools are supported but this is to be increased to 20 from September 2005

Intensive Support for Literacy / Numeracy

This intervention programme is designed for schools with lower than expected levels of attainment in either literacy or numeracy. The programme involves a wide range of schools including ex-coalfield schools but typically schools with a PANDA 'D' against similar schools for the subject. The school works with a primary consultant to create a literacy or numeracy action plan which includes activities to improve attainment. These plans usually contain activities to improve leadership, assessment and learning and teaching. The school receives access to a programme of training which is centrally funded by the LEA. Currently around 40 schools receive this support but will be reduced to increase numbers in other intervention programmes.

Primary Leadership Programme

This is a national initiative which intends to involve every primary school over a four-year cycle. The programme is designed to strengthen and build collaborative and distributive leadership and increase the schools' capacity to tackle underachievement. Higher ratios of lower performing schools are participating during the first two years of the programme which is centrally funded. Schools are supported by a trained LEA headteacher consultant to identify barriers to achievement and an allocation of time to tackle these issues. Some schools use this programme in conjunction with other interventions. Currently there are 94 schools involved with plans for a similar number in September 2005.

Review of pupil and school performance in former Nottinghamshire coalfield areas

Ashfield Excellence in Cities Cluster

This national intervention programme is funded by DfES and focuses on schools with high indices of multiple deprivation. In Nottinghamshire it involves 9 primary schools and 7 secondary schools in Sutton, Kirkby, Hucknall and Selston. The aim of the programme is to tackle barriers to achievement and to improve attainment by raising the expectations of pupils and the wider community and improving literacy and numeracy skills. Schools in the cluster are also required to improve pupils' behaviour and attendance and lower exclusions. The cluster has appointed a project coordinator, lead learning mentor and gifted and talented coordinator (G&T). Schools in the cluster have funding for a learning mentor and G&T coordinator as well as additional resources to support the implementation of their action plans.

Leadership Incentive Grant (LIG)

This initiative is financially supported and is intended to support secondary schools in accelerating the improvement in standards, strengthening leadership at all levels and stimulating collaboration between schools to build leadership capacity for continuing improvement. The provision of a LIG consultant and arrangements for reviewing the impact is an integral part of the initiative. Of 11 schools currently participating in this initiative, 8 are situated in the former coalfield areas.

Targeted Support

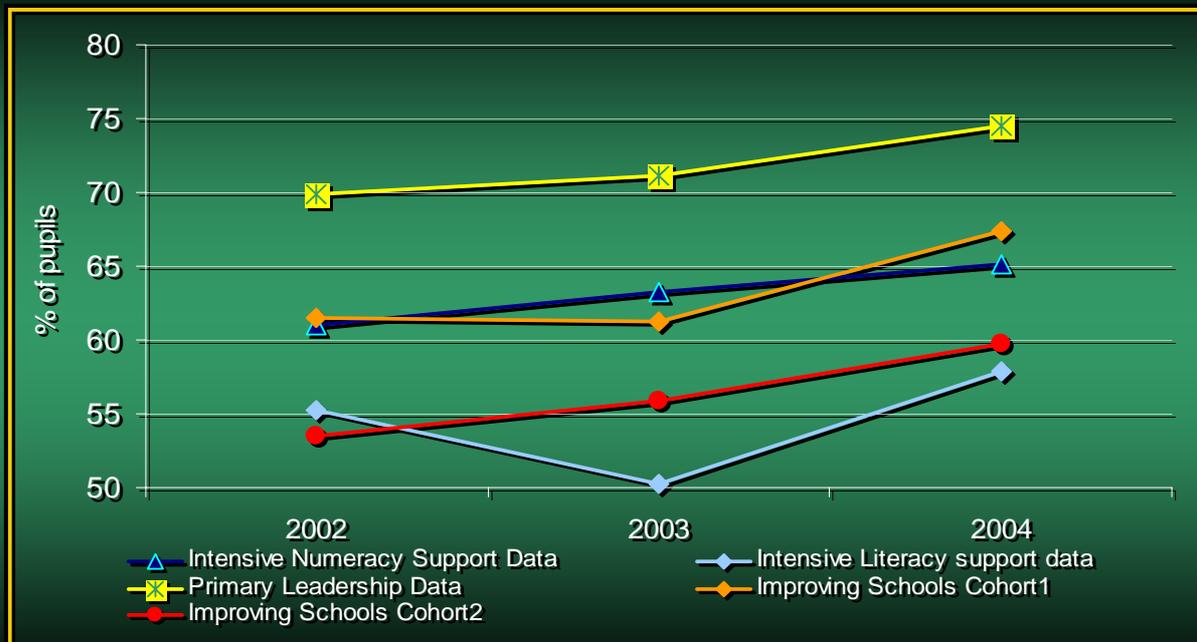
The purpose of this support arrangement is to provide early intervention to schools facing temporary difficulties, at risk of failure and underperformance. Support provided includes: additional consultancy and advice from inspectors (including associate inspectors), officers, additional support from literacy, numeracy and other strategies, advanced skills teachers (ASTs) and leading mathematics teachers. In schools in the greatest need, limited funding is provided to increase their staffing establishment on a temporary basis. A high number of schools in former coalfield areas benefit from this support.

Study Support

The purpose of this national initiative is to support learning outside normal lessons. The participation is voluntary. All Nottinghamshire schools have received national funding for study support activities through the Standards Fund (2002-2005). In 2005-06, the funding will be allocated through School Development Grant. The overall provision includes support for: summer schools, Easter courses for Key Stage 4 pupils and the extension of opportunities for learning and enrichment. Schools in the former coalfield areas are well represented in the support provided through this initiative. A growing number of schools in the former coalfield areas are striving for and gaining, the Quality in Study Support quality assurance mark (QiSS).

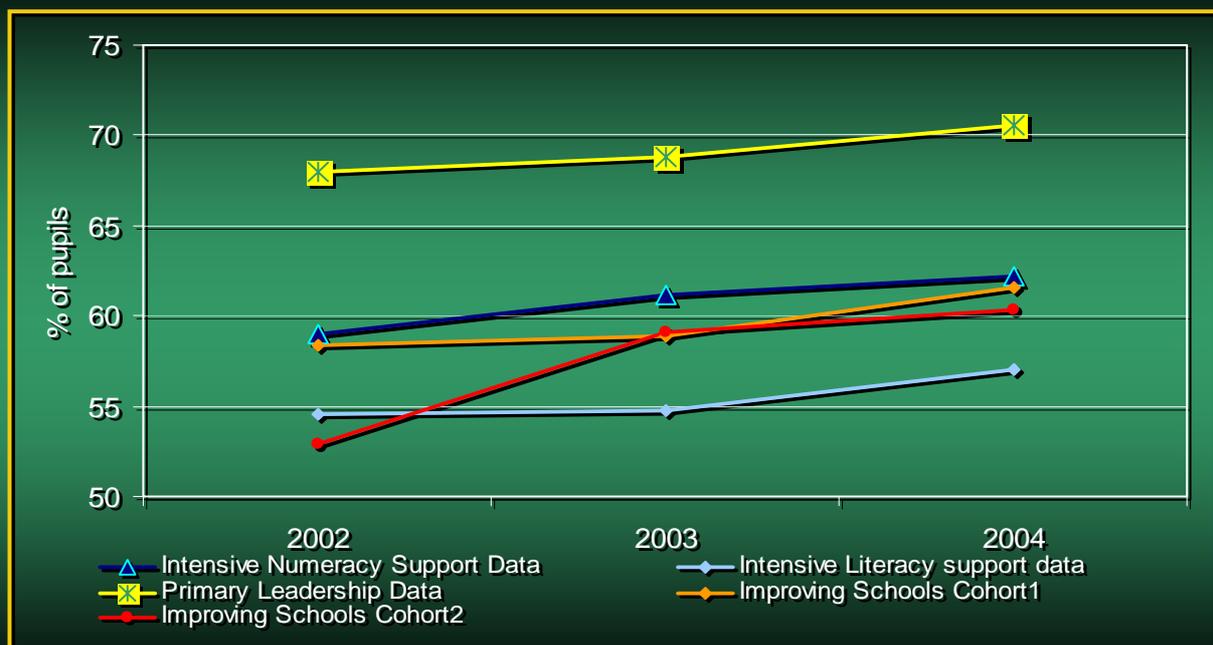
**KS2: English Intervention Groups
Percentage Level 4+**

**KS2: Maths Intervention Groups
Percentage Level 4+**



Pupil and schools performance in Former Coalfield Areas

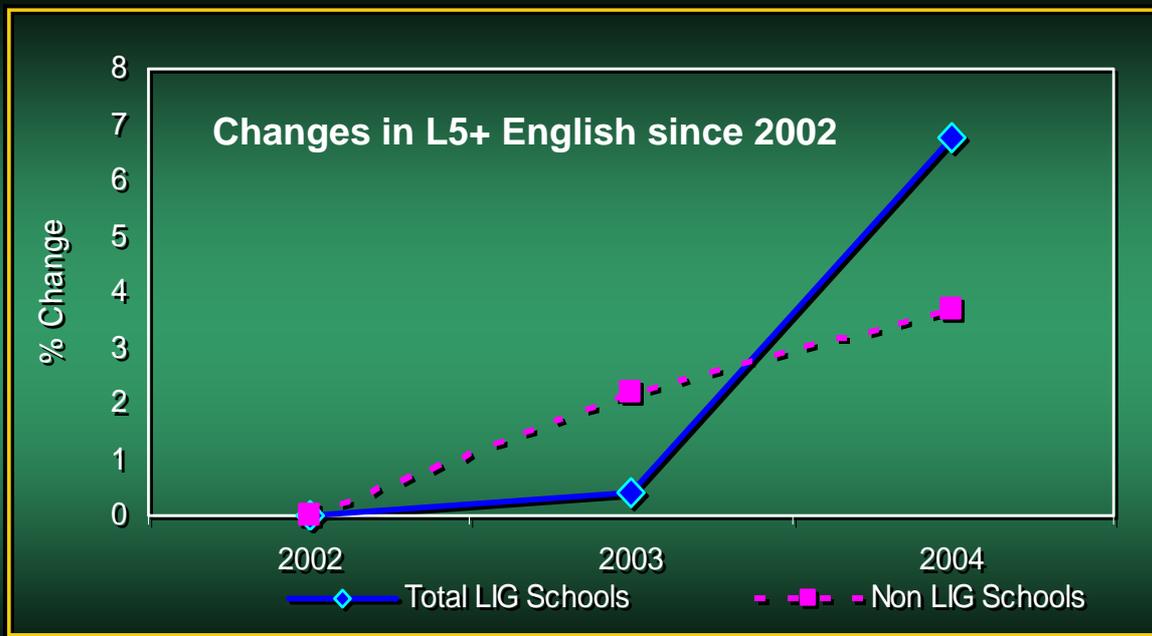
Improvements across all groups compared to 2002



Impact of LEA Support

KS3: Leadership Initiative Group Schools

Improvement in LIG schools greater than in non LIG schools



KS4: Leadership Initiative Group Schools
Changes in 5+A*-C since 2002

Significant improvement in LIG schools

