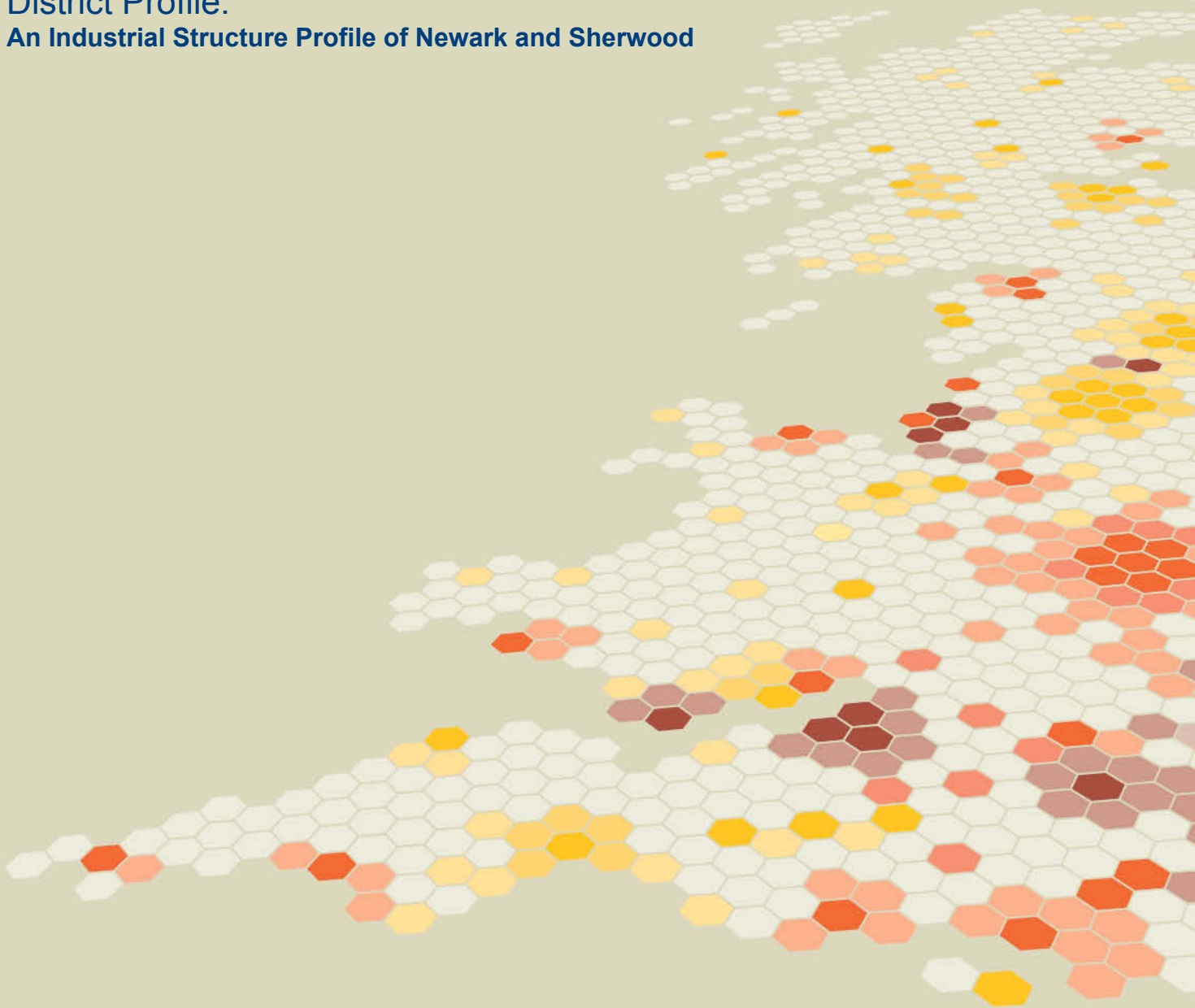


March 2009

District Profile:  
An Industrial Structure Profile of Newark and Sherwood



# Industrial Structure Profile

Newark and Sherwood

March 2009



## About Place Profiles

Place Profiles are a series of reports available from the Local Futures Group that provide an assessment of local conditions. Using the latest data at the time of creation, they are available for a range of economic, social and environmental themes at sub-region through to neighbourhood level. The reports present a range of graphical outputs, together with a summary analysis of performance that is set within a regional and national context.

More information about the profiles and how to purchase further copies is available at the end of this report.

## About the Local Futures Group

The Local Futures Group comprises a team of researchers and consultants with academic, corporate and policy backgrounds. We provide a geographical perspective on economic, social and environmental change. We introduce this perspective into public policy and corporate strategies, both in the UK and internationally. Our services include:

- **Benchmarking:** a family of benchmarking services that ensure future strategies are underpinned by a clear and shared understanding of current conditions. These provide a comprehensive analysis set within a regional and national context.
- **Strategy:** research and support services to identify future drivers of change and develop long-term strategies.
- **Monitoring:** online services to monitor change and assess the impact of strategies.

These services are underpinned by our subscription service **Local Knowledge:**

Local Knowledge is regarded as a powerful web-based service for local strategies and marketing. Incorporating the latest thinking on competitiveness and sustainable development, it provides researchers and policy-makers with access to an unrivalled decision support tool that is interactive and easy to use.

To find out more about our services or to arrange a free trial of Local Knowledge please give us a call on 020 7440 7360 or email [info@localfutures.com](mailto:info@localfutures.com)

## Industrial Structure Profile: Newark and Sherwood

### Introduction

Throughout the global economy, the critical structural trend is the growth of the knowledge economy. Our industrial structure profile assesses Newark and Sherwood from this knowledge economy perspective. We distinguish between knowledge-based production (aerospace, electrical machinery manufacture, printing and publishing, and chemicals and energy) and knowledge-based services (telecommunications, computing, R & D, finance and business services, and recreational and cultural services). These industrial groupings are based on European Commission and OECD definitions, where individual industries are classified as knowledge-based if graduates make up at least 25 per cent of their workforce.

Newark and Sherwood is ranked 255 out of 408 districts on our overall industrial structure score, indicating a knowledge economy that performs in the bottom 40% of districts nationally.

With an industrial structure score of 70.30, Newark and Sherwood is below the national median. This is shown in the map, where areas with very dark shadings score highly and those with very light shadings score poorly.

Knowledge intensive sectors in Newark and Sherwood accounted for 17.29% of total employment in 2007. By comparison, the Nottinghamshire figure was 23.59%, the East Midlands figure was 20.91% and the national figure was 24.59%.

A glossary of the terms and definitions used in this profile are included at the end of the report.

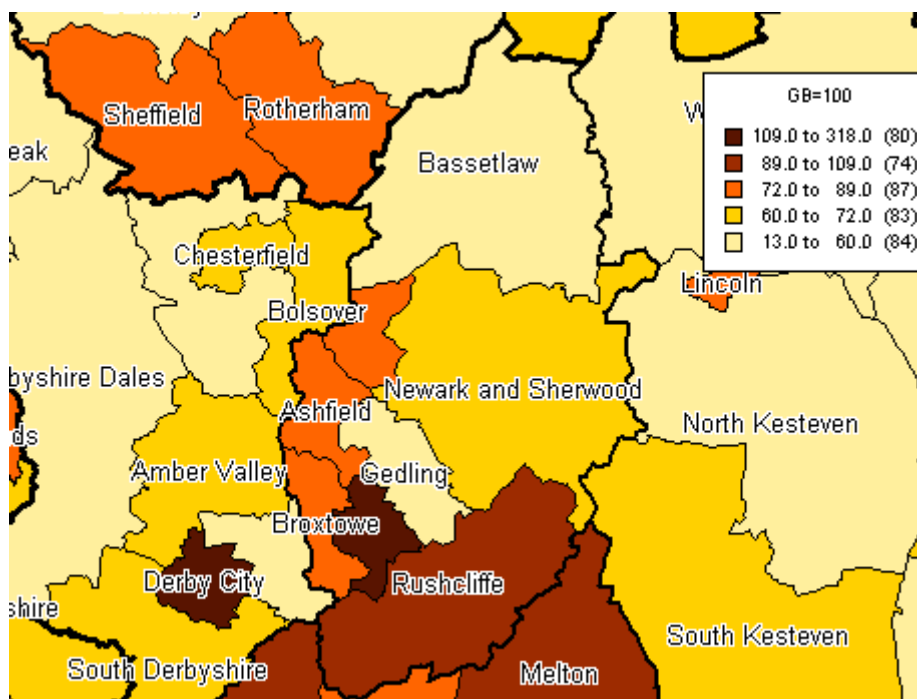
# Industrial Structure Profile

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## Industrial Structure Score

The map shows the performance of districts within Nottinghamshire. The areas with very dark shading score highly and those with very light shading score poorly.

With a score of 70.30, Newark and Sherwood is in the bottom 40% of districts and is in a sub region that is in the top 40% of sub regions nationally.

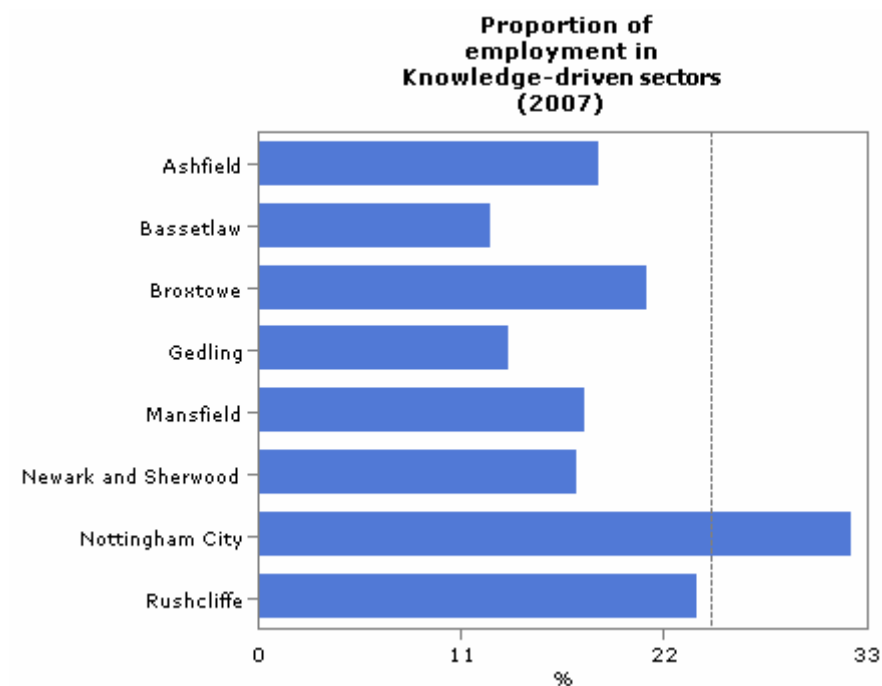


Source: Annual Business Inquiry

## Proportion Of Employment In Knowledge-Driven Sectors

The bar chart shows the proportion of employment in knowledge-driven sectors in 2007, for districts in Nottinghamshire.

The chart shows that at 17.29%, the proportion of employment in knowledge-driven sectors in Newark and Sherwood is below the national median. By comparison, the Great Britain average, shown by the dashed line, is 24.59%.



Source: Annual Business Inquiry

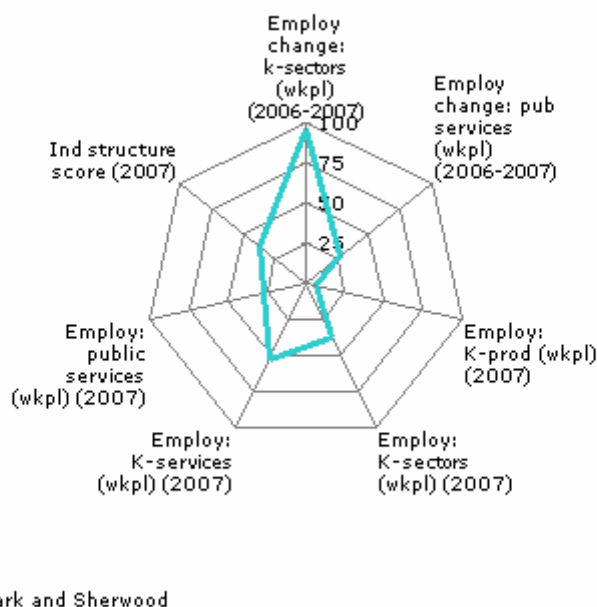
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## Industrial Structure Indicators

The spider chart is a way of showing how Newark and Sherwood rates against the national median. Data for every district in Great Britain is converted into a percentile score, with the top ranking area scoring 100 and the bottom zero. The national median is shown by the 50th percentile. The chart shows that Newark and Sherwood scores relatively poorly by national standards on our overall industrial structure score. The profile also shows how Newark and Sherwood performs on a range of related industrial structure measures.



Source: Annual Business Inquiry

## Industrial Structure Indicators

Areas	Employ: K-sectors (wkpl) (%) 2007	Employ: K-prod (wkpl) (%) 2007	Employ: K-services (wkpl) (%) 2007	Employ: public services (wkpl) (%) 2007	Employ change: k-sectors (wkpl) (%) 2006-2007	Employ change: pub services (wkpl) (%) 2006-2007	Ind structure score (GB=100) 2007	Rank
Nottingham City	32.28	2.72	29.56	29.77	26.80	8.64	131.28	37/408
Rushcliffe	23.88	1.57	22.31	42	26.33	18.11	97.11	125/408
Broxtowe	21.14	5.43	15.71	20.64	61.71	-5.40	85.98	169/408
Ashfield	18.56	7.64	10.92	27.61	60.81	22.61	75.46	222/408
Mansfield	17.72	2.84	14.88	29.92	37.79	21.18	72.06	241/408
Newark and Sherwood	17.29	1.02	16.27	23.14	68.78	5.02	70.30	255/408
Gedling	13.66	1.39	12.27	31.30	9.52	-9.35	55.53	345/408
Bassetlaw	12.58	2.80	9.78	25.27	-22.13	2.77	51.14	370/408
<b>Nottinghamshire</b>	<b>23.59</b>	<b>3.08</b>	<b>20.51</b>	<b>29.06</b>	<b>2.44</b>	<b>-0.04</b>	<b>95.92</b>	<b>20/53</b>
<b>East Midlands</b>	<b>20.91</b>	<b>3.57</b>	<b>17.34</b>	<b>26.16</b>	<b>1.50</b>	<b>0.31</b>	<b>85.02</b>	<b>7/11</b>
<b>Great Britain Average</b>	<b>24.59</b>	<b>3.38</b>	<b>21.21</b>	<b>26.95</b>	<b>1.76</b>	<b>-0.03</b>	<b>100</b>	

Source: Annual Business Inquiry  
The rankings in the table are based on the "Industrial structure score" indicator

## Industrial Structure Indicators Summary

Looking at some of the indicators from the table we find that:

- Employment in knowledge-driven production is well below the national median, with the district ranking in the bottom 20% of districts. It has 1.02% of employment in this sector. This compares with 3.08% in Nottinghamshire and 3.38% nationally.
- Employment in knowledge-driven services is around the national median, with the district ranking in the middle 20% of districts. It has 16.27% of employment in this sector. This compares with 20.51% in Nottinghamshire and 21.21% nationally.
- The public sector can also act as an important driver of the knowledge economy and, crucially, provides a buffer against economic downturns. Newark and Sherwood has a small public sector, with 23.14% of employment in this sector. This compares with 29.06% in Nottinghamshire and 26.95% nationally.
- Between 2006 and 2007, employment in knowledge-driven sectors in Newark and Sherwood increased by 68.78%. This places Newark and Sherwood in the top 20% of districts nationally. By comparison the sector changed nationally by 1.76%.

Source: Annual Business Inquiry

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## Nearest Neighbours

For the indicators in the spider chart shown earlier, the areas in the country with the most similar profiles are shown on the right. These are statistically the nearest neighbours to Newark and Sherwood, with East Staffordshire in Staffordshire being the most similar on the industrial structure indicators.

Rank	Place Name	Sub Region
1	East Staffordshire	Staffordshire
2	Wigan	Greater Manchester
3	Lichfield	Staffordshire
4	Boston	Lincolnshire & Rutland
5	Richmondshire	North Yorkshire
6	Penwith	Devon & Cornwall
7	Cannock Chase	Staffordshire
8	Easington	County Durham
9	York City	North Yorkshire
10	South Derbyshire	Derbyshire

Source: Annual Business Inquiry

## Glossary of terms

Knowledge-driven production	This refers to manufacturing industries such as aerospace, electrical machinery manufacture, printing and publishing, and chemicals and energy.
Knowledge-driven services	This refers to service industries such as telecommunications, computing, R & D, finance and business services, and recreational and cultural services.
Public sector	This refers to employment in the following sectors: Public admin/defence; Education; Health and social work.

## Data Sources and Definitions

Knowledge-driven production	This uses the following 2003 Standard Industrial Classification (SIC) codes: Aerospace (35.3), Electric machinery and optical equipment (30, 32, 33), Printing, publishing, recorded media (22.11-22.22), Chemicals (24), Energy (11, 23, 40, 41).
Knowledge-driven services	This uses the following 2003 Standard Industrial Classification (SIC) codes: Telecommunications, computer & related services, R&D (72, 73, 64.2, 64.12), Finance, business services (65, 67, 74 (excluding 74.7, 74.82), Air transport services (62), & Recreational & cultural services (92).
Public sector	This uses the following 2003 Standard Industrial Classification (SIC) codes: Public admin/defence (75), Education (80), Health and social work (85).

Source: Local Knowledge; Annual Business Inquiry (ONS Crown Copyright Reserved).

# Industrial Structure Profile

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Industrial Structure  
Business and Enterprise  
Skills and Qualifications  
Labour Market

### Society

Age  
Ethnicity  
Households  
Migration and Change  
Occupations  
Prosperity  
Deprivation  
Health  
Crime

### Environment

Housing  
Commercial Property  
Transport and Communications  
Amenities  
Natural Environment

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