

EDUCATION, SKILLS AND TRAINING

Summary

- There are 24,261 pupils on the school roll in LEA schools in Charnwood
- 38% of 16-18 year olds and 10% of people aged 19 or over are in further education or work based learning
- Of the 251 16 year olds who left school in 2004 and entered employment, 38.2% were working in Craft and related occupations, 25.9% were classified as in an 'Other' occupation group, and 21.5% worked in Personal and protective services.

Education

Education and training are vital to the future well-being of the Charnwood economy particularly for enhancing the competitiveness of its workforce and ensuring that its industries, businesses and services have an ongoing supply of skilled employees in the future. Recent research carried out by the Joseph Rowntree Foundation has also shown that success in education and training is an increasingly important route out of poverty for young people, although there is evidence of increasing polarisation between those who stay on and gain qualifications and those who do not.¹

Education in Charnwood is covered by Leicestershire Local Education Authority (LEA). There are 49 primary schools, 14 secondary schools and 2 special schools in the Borough (April 2005). Six schools also have a special unit.

The table to the right shows the number of pupils attending an LEA school in Charnwood in January 2004 (rather than the number of pupils living in the Borough).

Table 27: Number of pupils on school roll, 2004

| | Number of schools | Number on school roll |
|-----------|-------------------|-----------------------|
| Primary | 49 | 12,000 |
| Secondary | 14 | 12,071 |
| Special | 2 | 190 |

Source: Leicestershire LEA

¹ 'Routes out of poverty: A research review' November 2004, Peter Kemp, Jonathan Bradshaw, Paul Dornan, Naomi Finch and Emese Mayhew, Joseph Rowntree Foundation

Educational Attainment

Pupils at school in England are now tested at various stages in their primary and secondary career. This section examines some of the performance data for state schools in Charnwood. The data in this section is based on the ward in which the pupil resides. It does not include any children educated in the independent sector or who attend schools outside the County LEA area. Therefore, in Loughborough, where there are a number of private schools, results presented here for some wards will not accurately represent the results of the entire population of children.

Key Stage 2

Key Stage 2 is the test taken by pupils in their last year in primary school (age 11). A typical 11 year old is expected to achieve Level 4 in English, Mathematics and Science. Table 28 shows a variation in the attainment between different wards in the Borough.

The three wards which have the highest attainment across all three subjects are Forest Bradgate and Wreake Villages wards. The wards with the lowest overall attainment are Loughborough Ashby and Loughborough Storer wards.

Table 28: Key Stage 2 results: % achieving level 4+

| | % achieving level 4+ | | |
|----------------------------------|----------------------|-------|---------|
| | English | Maths | Science |
| Forest Bradgate | 97.0 | 97.0 | 97.0 |
| Wreake Villages | 90.0 | 95.0 | 95.0 |
| Syston East | 88.7 | 71.8 | 87.3 |
| Rothley and Thurcaston | 88.5 | 84.6 | 94.2 |
| Loughborough Nanpantan | 86.8 | 89.5 | 89.5 |
| Syston West | 84.4 | 78.1 | 84.4 |
| Thurmaston | 83.7 | 84.6 | 93.3 |
| East Goscote | 83.3 | 77.8 | 91.7 |
| Quorn and Mountsorrel Castle | 83.1 | 79.7 | 89.8 |
| Birstall Wanlip | 82.1 | 83.9 | 96.4 |
| Loughborough Dishley and Hathern | 82.0 | 80.3 | 57.4 |
| Loughborough Garendon | 80.9 | 83.8 | 70.6 |
| Loughborough Southfields | 80.8 | 73.1 | 61.5 |
| Barrow and Sileby West | 80.6 | 67.2 | 91.0 |
| Birstall Watermead | 80.2 | 71.4 | 86.8 |
| Shepshed East | 75.8 | 67.7 | 82.3 |
| Loughborough Outwoods | 75.4 | 76.8 | 78.3 |
| Anstey | 75.3 | 67.1 | 80.8 |
| Sileby | 75.0 | 64.6 | 84.4 |
| The Wolds | 74.3 | 80.0 | 82.9 |
| Loughborough Lemyngton | 73.6 | 66.7 | 76.4 |
| Shepshed West | 71.6 | 61.7 | 77.8 |
| Queniborough | 71.1 | 81.6 | 92.1 |
| Mountsorrel | 67.0 | 75.7 | 87.4 |
| Loughborough Hastings | 66.7 | 60.3 | 66.7 |
| Loughborough Shelthorpe | 61.2 | 57.1 | 76.5 |
| Loughborough Storer | 53.2 | 53.2 | 85.1 |
| Loughborough Ashby | 50.0 | 50.0 | 64.0 |

Source: LEA data supplied to Leicester Shire Online Research Atlas

GCSE

The headline indicator for secondary schools is the proportion of pupils aged sixteen leaving school with five or more GCSE's at grade C or higher. Table 29 shows that Loughborough Outwoods, Rothley and Thurcaston and Loughborough Nanpantan wards have the highest percentage of pupils achieving five or more GCSEs at grades A* to C, compared to a low in Loughborough Ashby ward where only 15.5% of sixteen year olds obtain this level of qualifications. This compares to an average in Leicestershire of 54.7% and a national average of 53.7%

These figures should again be treated with a note of caution given the relatively large number of pupils who attend private schools in Loughborough - the results of these children are therefore not included in the table to the right.

Table 29: % of pupils achieving 5 or more GCSE's at grade A* to C, 2004

| | % achieving 5+ GCSE's at grade A* to C |
|----------------------------------|--|
| Loughborough Outwoods | 78.3 |
| Rothley and Thurcaston | 69.4 |
| Loughborough Nanpantan | 68.8 |
| Quorn and Mountsorrel Castle | 67.7 |
| Quorn and Mountsorrel Castle | 65.1 |
| Birstall Wanlip | 64.3 |
| Loughborough Garendon | 62.0 |
| Syston West | 62.0 |
| Shepshed East | 61.3 |
| Wreake Villages | 61.1 |
| Forest Bradgate | 58.3 |
| The Wolds | 58.3 |
| East Goscote | 56.8 |
| Mountsorrel | 52.4 |
| Barrow and Sileby West | 52.3 |
| Anstey | 51.6 |
| Loughborough Southfields | 50.0 |
| Thurmaston | 49.5 |
| Birstall Watermead | 48.9 |
| Loughborough Dishley and Hathern | 47.0 |
| Syston East | 41.0 |
| Sileby | 40.7 |
| Loughborough Hastings | 40.0 |
| Shepshed West | 39.7 |
| Loughborough Shelthorpe | 38.0 |
| Loughborough Lemington | 37.7 |
| Loughborough Storer | 24.2 |
| Loughborough Ashby | 15.5 |

Source: LEA data supplied to Leicester Shire Online Research Atlas & Department for Education and Skills

Post-16 Education

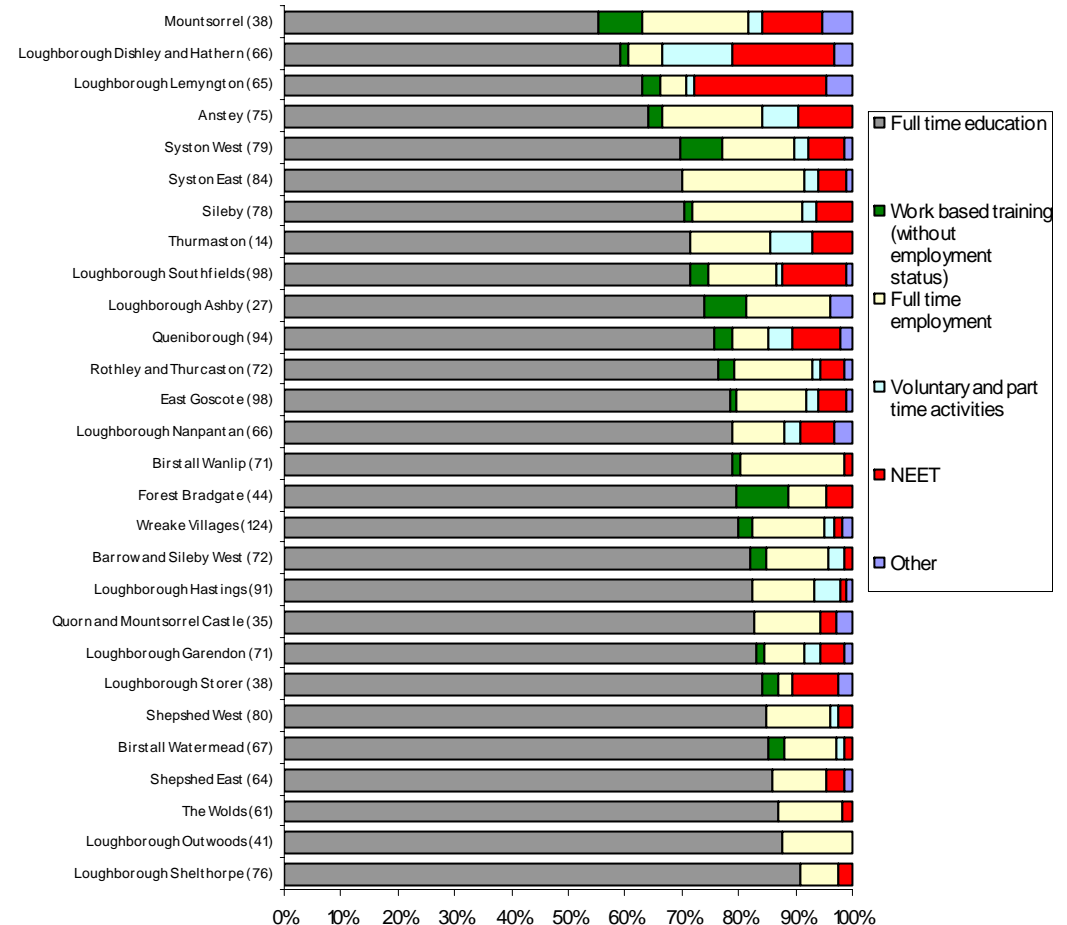
Post-16 education of a vocational or academic nature is provided through secondary schools and Further Education colleges. In Charnwood, there are six secondary schools with a sixth form: Burleigh Community College, De Lisle Catholic School, Hind Leys Community College and Rawlins Community College in Loughborough, Longslade Community College and Birstall and Wreake Valley Community College, Syston. There are also other local providers of other training courses.

The graph to the right shows the proportion of 16 year olds in each ward choosing to remain in full-time education. There are quite large geographical differences. For example, 90.8% of 16 year olds in Loughborough Shelthorpe ward remained in full-time education whilst only 55.3% of 16 year olds in Mountsorrel ward remained in full-time education. An average of 77% of 16 year olds in Charnwood remained in full time education.

The graph also shows the destination of those leaving full-time education in each ward in the following categories: work based training, full time employment, voluntary and part time activities, not in employment, education or training (NEET) or other. 23.1% of 16 year olds in Loughborough Lemyngton ward are not in employment, education or training.

This graph includes those educated in the private sector.

Graph 11: % of 16 year olds remaining in full time education
 (total number of 16 years olds in brackets)



Source: Connexions, 2004

Post 16 Educational Attainment

Data on the average GCE / VCE point score of 16-18 year old candidates collected by the Department for Education and Skills in 2003 shows how the further education providers in Charnwood compare with the average performance in the rest of the County and in England. Points are awarded as follows: an A-level A grade is worth 120 points, B 100, C 80, D 60, E 50, and an AS level is worth half an A-level. The table below shows the average point score per student in each of the LEA schools.

Table 30: Average point score per student in Further Education establishments, 2004

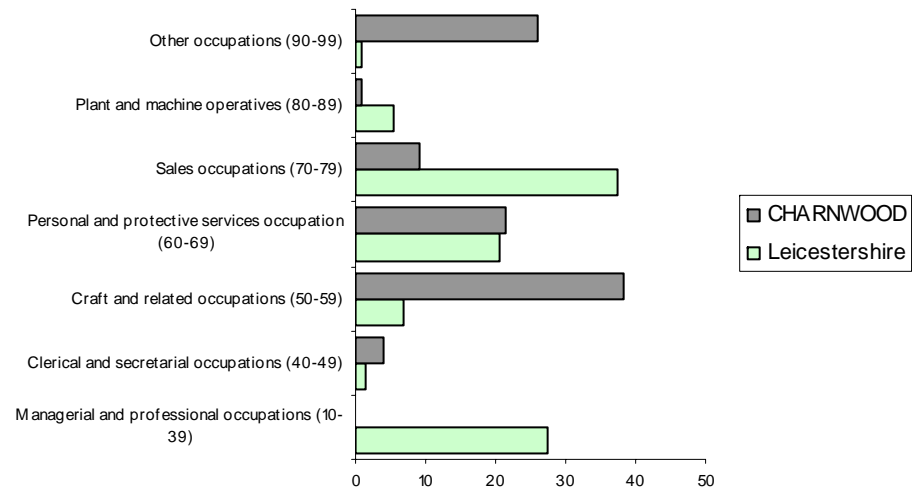
| | Average point score per student |
|---|---------------------------------|
| Burleigh Community College, Loughborough | 260.7 |
| De Lisle Catholic School, Loughborough | 317.3 |
| Hind Leys Community College, Loughborough | 271.9 |
| Longslade Community College, Birstall | 238.7 |
| Rawlins Community College, Loughborough | 301.1 |
| Wreake Valley Community College, Syston | 228.0 |
| <i>Leicestershire</i> | <i>261.0</i> |
| <i>England</i> | <i>269.2</i> |

Source: Department for Education and Skills Performance Tables, 2003

16 year olds in employment

Of the 251 16 year olds who left school in 2004 and entered employment, 38.2% were working in Craft and related occupations, 25.9% were working in 'Other' occupations and 21.5% in Personal and protective services.

Graph 12: 16 year olds in employment by sector, 2004



Source: Connexions, 2004

Number of learners aged 16-18 and 19+

Table 31 shows the percentage of learners* in the 16 - 18 and 19+ age categories.

It shows that the highest percentages of 16 - 18 year olds in work based learning or education are located in Loughborough Lemyngton, Mountsorrel and Syston West wards. These wards have almost four times the proportion of 16-18 year olds in learning than the lowest ranked wards - Loughborough Ashby (14.0%) and Loughborough Nanpantan (15.9%).

The highest percentages of people aged over 19 years in education or work based learning are located in Loughborough Hastings, Loughborough Shelthorpe and Sileby wards. There is a large variation between wards, with the wards with the highest percentages (Loughborough Hastings and Loughborough Shelthorpe) having more than twice the rates of adults over 19 years in learning than the lowest ranked wards of Loughborough Ashby (4.5%) and Loughborough Storer (6.5%).

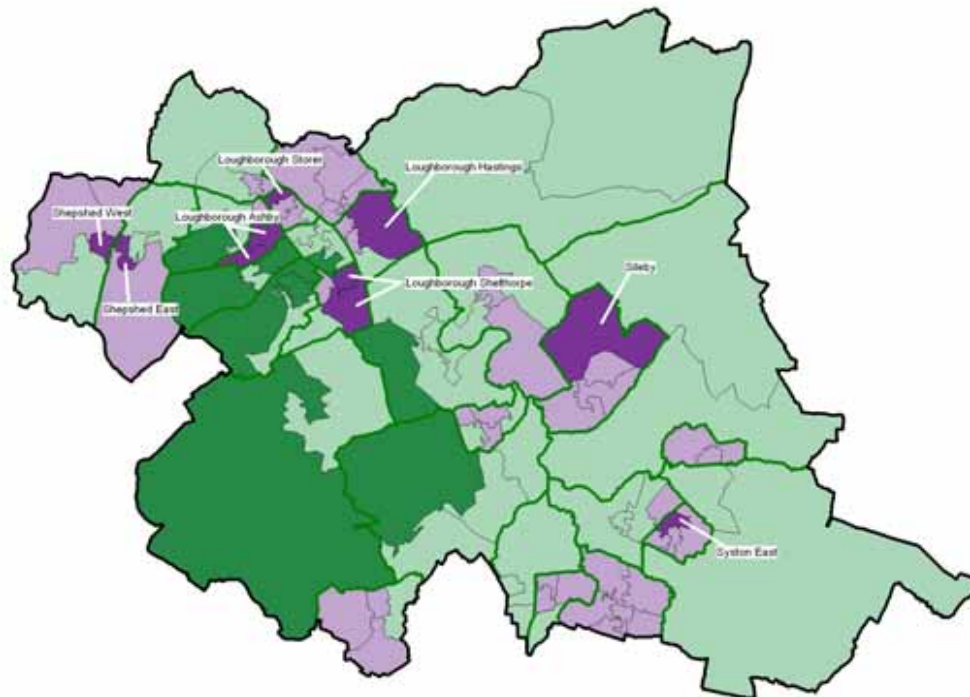
Table 31: Percentage of learners by age

| | Age 16-18 | Age 19+ |
|----------------------------------|-----------|---------|
| Loughborough Lemyngton | 60.0% | 12.0% |
| Mountsorrel | 57.9% | 9.5% |
| Syston West | 54.7% | 10.5% |
| Loughborough Shelthorpe | 51.7% | 12.3% |
| Loughborough Hastings | 49.1% | 13.7% |
| Anstey | 48.8% | 9.0% |
| Sileby | 48.7% | 12.2% |
| Thurmaston | 46.7% | 9.6% |
| Syston East | 45.9% | 8.6% |
| East Goscote | 44.5% | 10.3% |
| Birstall Wanlip | 43.6% | 10.0% |
| Shepshed East | 43.5% | 11.3% |
| Birstall Watermead | 43.0% | 9.4% |
| Shepshed West | 43.0% | 10.3% |
| Loughborough Dishley and Hathern | 41.3% | 9.8% |
| Barrow and Sileby West | 40.1% | 10.4% |
| Queniborough | 37.7% | 9.6% |
| Loughborough Storer | 33.9% | 6.5% |
| Loughborough Garendon | 32.1% | 10.6% |
| Loughborough Southfields | 31.6% | 9.8% |
| Rothley and Thurcaston | 30.8% | 10.0% |
| The Wolds | 30.8% | 10.3% |
| Quorn and Mountsorrel Castle | 27.1% | 10.7% |
| Forest Bradgate | 26.8% | 8.8% |
| Wreake Villages | 25.7% | 11.9% |
| Loughborough Outwoods | 24.9% | 11.3% |
| Loughborough Nanpantan | 15.9% | 8.7% |
| Loughborough Ashby | 14.0% | 4.5% |

Source: Leicestershire Learning and Skills Council

* Does not include those in sixth form colleges

Map 25: ID2004: Education, Skills and Training deprivation



This domain captures the extent of deprivation in education, skills and training of people living in a local area. It considers both the attainment levels of school children, absence rates, the proportion of people not staying on in school or further education beyond 16 years along with the proportion of adults with no or low qualifications. Charnwood experiences relatively extreme levels of deprivation in this domain - the most severe levels of deprivation are in parts of Loughborough Shelthorpe and Loughborough Storer wards.

Levels of Education, Skills and Training Deprivation in Charnwood
 (Number of Super Output Areas)

- Top 10% - Most Deprived
- 10% to 50%
- 50% to 90%
- Bottom 10% - Least Deprived

Top 10 Most Deprived
Charnwood Super Output Area

| SOA Code | Ward |
|----------|-------------------------|
| 1.5717 | Loughborough Shelthorpe |
| 2.5725 | Loughborough Storer |
| 3.5715 | Loughborough Shelthorpe |
| 4.5690 | Loughborough Ashby |
| 5.5747 | Shepshed West |
| 6. 5689 | Loughborough Ashby |
| 7. 5700 | Loughborough Hastings |
| 8. 5742 | Shepshed East |
| 9. 5753 | Syston East |
| 10.5749 | Sileby |

- District Boundary
- Electoral Ward Boudaries
- Super Output Areas

Source: 2001 Census, Output Area Boundaries.
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Produced by R&I Team, Chief Executives
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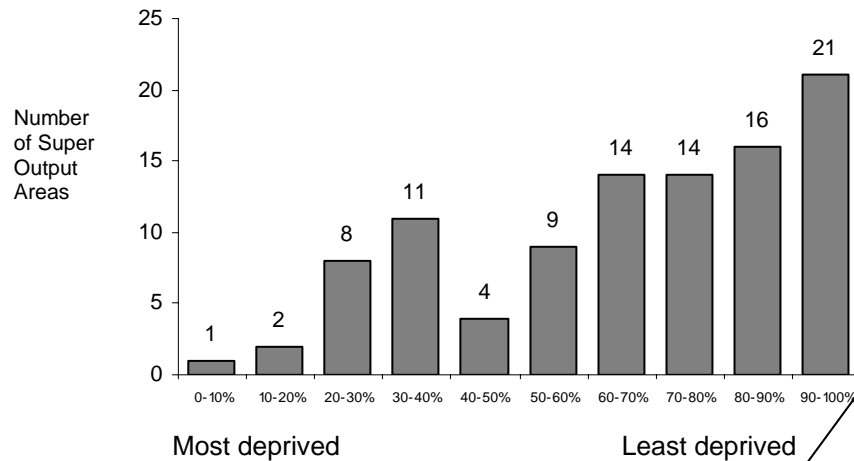
Source: Office for Deputy Prime Minister 2004

Each Super Output Area has an average of about 1,500 people

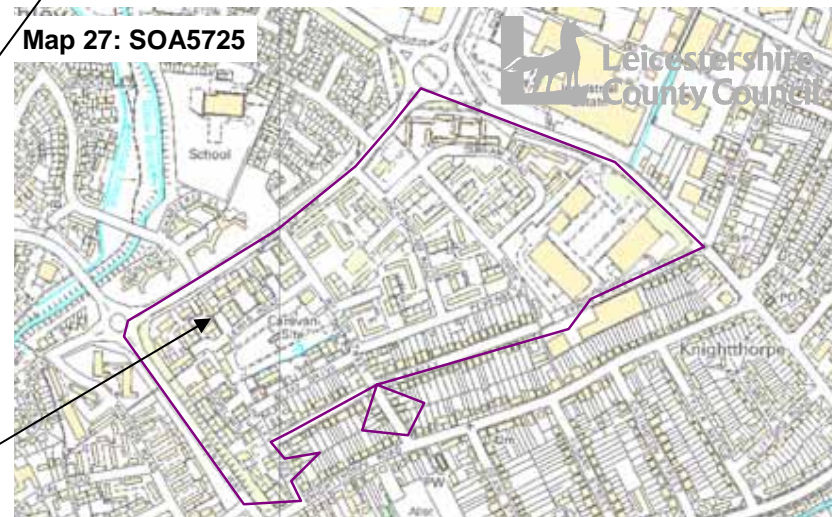
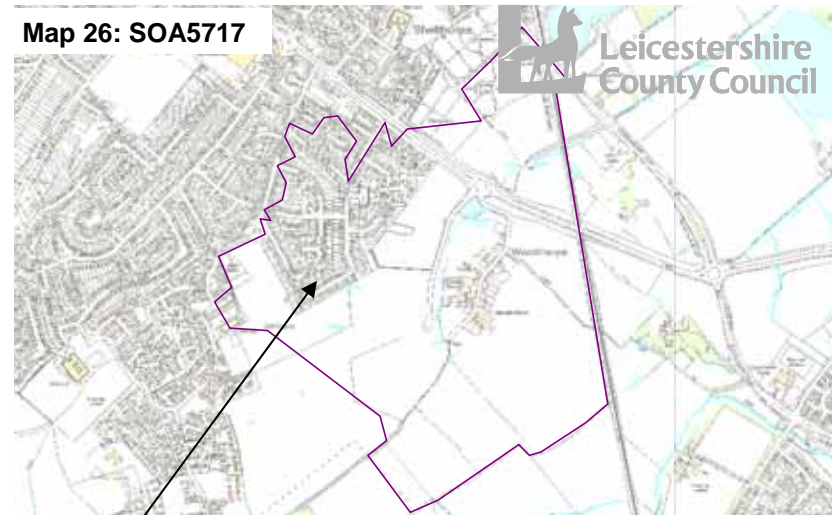
Education, skills and training deprivation

The Borough experiences higher levels of deprivation in this domain than in most of the others. Two SOAs are ranked within the 10% most deprived nationally - part of Loughborough Shelthorpe and Loughborough Storer wards. A further six SOAs are ranked within the 20% most deprived nationally. The spread of rankings is shown in the graph below.

Graph 13: % Spread of rankings



SOA5717 (Loughborough Shelthorpe) is ranked as the 803rd most deprived SOA in England (out of 32,482) and is the second most deprived SOA in Leicestershire. SOA5725 (Loughborough Storer) is ranked as the 1,493rd most deprived SOA in England and is the 3rd most deprived in Leicestershire.



Source: 2001 Census, Output Area Boundaries. © Crown copyright. All rights reserved. Leicestershire County Council. LA100019271. Published 2005.