

LOCALISATION OF INDUSTRIAL ACTIVITY ACROSS ENGLAND'S LEPs

**Michael Anyadike-Danes, Karen Bonner,
Cord-Christian Drews and Mark Hart**

ERC Research Paper No. 15

December 2013

Localisation of Industrial Activity across England's LEPs: 2008 & 2012

**Michael Anyadike-Danes; Karen Bonner; Cord-Christian Drews
and Mark Hart**

Enterprise Research Centre and Aston Business School,
Aston University, Birmingham, B4 7ET, UK.

m.anyadike-danes@aston.ac.uk
mark.hart@aston.ac.uk

This paper is published by the independent Enterprise Research Centre. The Enterprise Research Centre is a partnership between Warwick Business School, Aston Business School, Imperial College Business School, Strathclyde Business School and Birmingham Business School. ERC is funded by the Economic and Social Research Council (ESRC); the Department for Business, Innovation & Skills (BIS); the Technology Strategy Board (TSB); and, through the British Bankers Association (BBA), by the Royal Bank of Scotland PLC; HSBC Bank PLC; Barclays Bank PLC and Lloyds TSB Bank PLC. The support of the funders is acknowledged. The views expressed are those of the authors and do not necessarily represent the views of the funders.

Note: The data used in this analysis is from the ONS and is Crown copyright and reproduced with the permission of the controller of HMSO and the Queen's Printer for Scotland. The use of the ONS statistical data in this work does not imply the endorsement of the ONS in relation to the interpretation or analysis of the statistical data.

Contents

Executive Summary	5
1. Introduction	7
2. Data and Methodology	9
2.1 Data.....	9
2.2 Location Quotients	11
3. UK Industrial Strategy Sectors	12
3.1 Introduction.....	12
3.2 Industrial Strategy Sectors and the LEPs	13
4. Localisation: LEP LQ Analysis	38
4.1 Introduction.....	38
4.2 LEP Clusters – Top 20 LQs in Context	38
Black Country LEP	38
Buckinghamshire LEP	42
Greater Cambridge and Greater Peterborough LEP.....	45
Cheshire and Warrington LEP.....	48
Coast to Capital LEP.....	51
Cornwall and the Isles of Scilly LEP	54
Coventry and Warwickshire LEP	57
Cumbria LEP	60
Derby, Derbyshire, Nottingham and Nottinghamshire LEP	63
Enterprise M3 LEP	70
Greater Birmingham and Solihull LEP	74
Gloucestershire LEP	78
The Heart of the South West LEP	81
Hertfordshire LEP.....	84
Humber LEP	87
Lancashire LEP	90
Leeds City Region LEP	94
Leicester and Leicestershire LEP	97
Greater Lincolnshire LEP.....	100
Liverpool City Region LEP.....	104
London LEP	107
Greater Manchester LEP	110
New Anglia LEP	114
North Eastern LEP.....	117
Northamptonshire LEP	120
Oxfordshire LEP	124
South East LEP	128
South East Midlands LEP	132
Sheffield City Region LEP	135

Localisation of Industrial Activity across England's LEPs

Stoke-on-Trent and Staffordshire LEP.....	141
Swindon and Wiltshire LEP	144
Tees Valley LEP.....	148
The Marches LEP	152
Thames Valley Berkshire LEP.....	155
West of England LEP	159
Worcestershire LEP	163
York, North Yorkshire and East Riding LEP	166
5. Conclusion	169
Notes.....	170

Executive Summary

BIS commissioned the Enterprise Research Centre (ERC) to undertake an analysis of industrial clusters in the UK and to use the new Local Enterprise Partnerships (LEPs) as the sub-national spatial frame in England. This will update the work undertaken over a decade ago in 2001 and will adopt a similar methodology¹. The analysis is designed as an information source for the LEPs as they prepare their new strategic economic plans and concentrates on both the UK 11 Industrial Strategy sectors as well as a detailed 5-digit Standard Industrial Classification (SIC) analysis for each of the 39 LEPs.

We use a very simple Location Quotient (LQ) measure which is designed to show the extent to which a particular activity is over- or under-represented in each LEP relative to the national average. We do this for 2008 and 2012 using the local unit or workplace version of the Office of National Statistics (ONS) Business Structure Database (BSD). The choice of 2008 as the base year relates to the latest 2007 SIC and also to show if there have been any major changes throughout the economic downturn in the UK. The data for 2012 is the most recent data available from the ONS.

The LQs for the 11 UK Industrial Strategy sectors have already been published in the Witty Review and we present a brief summary here and the maps which were drawn using our analysis.

For the detailed 5-digit SIC analysis we present for each LEP two tables for each year. First, a table of the top 20 sectors by LQ score with details of the number of workplaces and total employment in the sector and the overall GB share of employment in the LEP. Second, a table of the top 20 sectors by jobs. Viewed together they provide an overall summary of the nature and scale of the clusters in each LEP and an indication of their importance in terms of jobs. LQs for all 5-digit sectors beyond the top 20 reported in this report are available on request from the ERC.

The calculation of LQs is seen as just the first basic step in the process of cluster identification. There are many other dimensions of a cluster not

Localisation of Industrial Activity across England's LEPs

captured by the quantitative LQ analysis such as the way strategically important supply chains in a LEP transcends 5-digit SIC definitions. A large LQ is by no means sufficient to make the activity indicative of a candidate cluster as is evidenced by their small contribution in many cases to total employment in each LEP.

The commentary set out for each of the 39 English LEPs, both for the 11 Industrial Strategy sectors and the top 20 5-digit SIC activities, indicates that although most activities are broadly distributed, there are some industries where particular LEPs have particular concentrations in terms of employment. The identification of these localisations of industrial activity is a starting point for a much more detailed discussion in order to understand how the analysis can be interpreted and connected to local economic strategies. There is no simple 'read-through' from a 'cluster' identified by high LQs to a strategy.

Further work is required to recognise, for example, that measures of the localisation of industrial activity needs to encompass the nature and scale of local supply chains around key OEMs which transcend analysis of individual 5-digit SICs. More generally, analysis of the transactions between businesses in local economies and the sectors they operate in will help develop an understanding of whether concentrations of activity can be seen as a cluster. Finally, workplaces in each individual activity are a mixture of different types of firms ranging from those that are foreign-owned or subsidiaries of firms located outside the LEP to locally-owned small and micro-enterprises.

1. Introduction

The DTI published a report in 2001 that identified and mapped UK industrial clusters that existed at the time, and BIS commissioned the Enterprise Research Centre (ERC) to update and extend this analysis to gain a fuller understanding of our current industrial clusters and to use the new Local Enterprise Partnerships (LEPs) as the sub-national spatial frame in England.

There are two key existing sources of evidence on UK clusters, representing alternative methodological approaches. DTI commissioned academics in 2001² to “draw up a detailed systematic inventory of existing clusters across all sectors of the UK economy”. This regional-level study takes a primarily quantitative approach, using ONS firm-level data to look at employment densities to illustrate concentrations of activity (using location quotients – LQs – a simple measure of the extent to which a particular activity is over- or under-represented in each LEP relative to the national average). The study looked at both comparative scale (i.e. the size of a cluster in relation to the relevant sector(s) nationally); and significance (i.e. the size of the cluster in relation to the regional economy in which it is located). This study is now over a decade old, although a partial update using a sectoral approach was provided in Simpson (2007)³.

Following discussions with BIS it was agreed that this study should be focused on the LEP spatial framework in England and concentrate on both the UK 11 Industrial Strategy sectors as well as a detailed 5-digit Standard Industrial Classification (SIC) analysis (2007) for each of the 39 LEPs⁴. All that was required at this stage was the basic LQ analysis for each LEP.

Section 2 describes the data and methodology used in the analysis of ‘industrial clusters’; Section 3 provides a summary of the overlay between the LEP spatial framework and the UK 11 Industrial Strategy sectors and highlights those LEPs that have concentrations of employment in these key sectors using the LQ methodology for 2008 and 2012; Section 4 provides a summary of the LQ analysis for each of the 39 English LEPs in 2008 and 2012 to highlight significant changes during the economic downturn. The

Localisation of Industrial Activity across England's LEPs

report concludes in Section 5 with a short discussion of the implications of the analysis for further research.

2. Data and Methodology

2.1 Data

We use the UK Business Structure Database⁵ (compiled by the Office for National Statistics - ONS)⁶ which records annual data on employees for the entire population of UK firms and their constituent workplaces. The BSD is compiled from a series of annual 'snapshots' of the Inter-Departmental Business Register (IDBR) taken in March each year, an administrative database which captures information from a range of sources, amongst them VAT returns and employer Pay As You Earn (PAYE) tax and social security records. The BSD was accessed using the ONS VML and the usual disclosure rules were in operation to avoid the identification of individual firms through direct or indirect calculation.

The unit of analysis here is a local unit with at least one employee⁷:

"Local units are 'plants', for example, a retail outlet or factory. The plant is the source of business activity. It may be a factory that produces finished goods or an accountancy office, for example."

Evans and Welpton [2009, p. 72]

We refer to these "local units" as workplaces rather than 'plants' which seems to suggest manufacturing operations⁸. In our analysis here we use workplace-level data, rather than firm-level data, because in firm-level data jobs are located at the firm's headquarters and we are interested in the actual (workplace) location of jobs. We use the annual 'snapshots' from the BSD for 2008 and 2012.

The individual unit-level records which make up the BSD are confidential and there are "disclosure rules" which regulate the publication of data compiled from these records. In our case, we are not allowed to make use of job counts for a SIC 5-digit activity for a LEP if the workplace count in that category is less than ten. Indeed, the work on the Offshore Wind Industrial Sector (Section 3) was deemed as completely disclosive and, therefore, there is no LQ analysis for this sector at the level of the LEP.

Localisation of Industrial Activity across England's LEPs

The dataset being discussed here has only recently become available to researchers, so its properties (and idiosyncrasies) are not fully understood or documented. Whilst the key findings are likely to be quite robust – after all they represent averages over millions of unit level records – some of the detail may later be revised.

Finally, it should be remembered that the formation of LEPs involved a 'bottom-up' process involving discussions between business and local authority partners. LEPs were built up as aggregates of local authority administrative units, but with their boundaries to be determined by boundaries of local economic activity, and in some cases this has led to LEPs with overlapping membership⁹. For example, York is a member of York, North Yorkshire and East Riding LEP as well as of Leeds City Region LEP (in fact there are 37 local authority areas which are members of two LEPs). As a consequence of this overlap, though, summing data over LEPs (rather than individual local authorities) involves a degree of double-counting: England is less than the sum of its LEPs.

Underpinning the analysis is a spreadsheet which records jobs in each SIC 2007 5-digit activity for each of England's Local Enterprise Partnership (LEP) areas. This spreadsheet is (necessarily) very large – for each year there are approximately 600 activities which, when multiplied by 39 LEPs, yields around 25,000 cells. The role of this report is to provide some summary presentation and discussion of the results for each LEP which make the raw data more useful. LQs for all 5-digit sectors beyond the top 20 reported in this report are available on request from the ERC.

The analysis in this report refers to 2008 and 2012 data and there are three key aspects of the measurements we use:

- (a) the classification of activities – we use SIC 2007 at the 5-digit level, which in turn dictates the two dates chosen for the analysis.
- (b) the scale of each activity within each LEP is measured in terms of workplace jobs

Localisation of Industrial Activity across England's LEPs

(c) the localisation indicator – the 'location quotient' (LQ)¹⁰

2.2 Location Quotients

Location Quotients are used to provide a broad illustration of the extent to which a particular activity is over- or under-represented in each LEP relative to the national average. It is calculated in the usual way as the ratio between the share of workplace jobs in an activity in a LEP and share of workplace jobs in that activity in Great Britain.¹¹

If the LQ for an activity is less than 1, the LEP has a smaller share of workplace jobs than the GB average; if the LQ for an activity is greater than 1, the LEP has a larger share of workplace jobs than the GB average.

The distribution of LQs does not have a formal statistical underpinning, so it is not possible to say that an LQ of a particular size is 'statistically significant'.¹² Moreover the shape of the distribution of LQs across spatial units is affected by both geographic scale (in our case LEPs) and the degree of industry disaggregation (in our case 5-digit SIC 2007). Other things being equal, the finer the spatial scale (the smaller the geographical units) it is more likely that there will be very large (and very small) LQs. Similarly, again other things being equal, the finer the industrial classification, the more likely are extreme values of the LQ. So, for example, the magnitudes of the LQs we report are not comparable with those of the 2001 DTI 'cluster report' which relied in its initial phase of 'cluster identification' on LQs calculated for UK regions.¹³

3. UK Industrial Strategy Sectors

3.1 Introduction

In 2013 the UK government commissioned Sir Andrew Witty to undertake a review¹⁴ of the way in which universities can support economic growth, working in conjunction with organisations such as Local Enterprise Partnerships (LEPs). The Review was centred on two main hypotheses, namely that the strongest basis for regional economic growth is activity which is based on a comprehensive understanding of a locality's comparative economic advantage; and second, that much of the UK's comparative economic advantage could be derived from its universities, and in particular from world class research in fields relevant to the Industrial Strategy¹⁵ sectors and technologies.

The Industrial Strategy sectors had been identified by Government as those 11 sectors regarded as key to driving future economic growth and employment growth in the UK. These sectors included those in advanced manufacturing, such as Aerospace, Automotive, Agri-tech and Life Sciences; knowledge intensive traded services such as Professional and Business Services; Information Economy; and Education; and enabling sectors such as Nuclear, Oil and Gas, Offshore Wind, and Construction¹⁶.

We have subsequently identified and mapped these 11 sectors by the LEP geography to highlight the relative industrial strengths of particular areas. We have done this using the ONS BSD for all the sectors. Location quotients (LQs) have been used to provide a measure of employment concentration, and have been presented for 2008 and 2012. We discuss each of the industrial strategy sectors in turn and then present a series of LQ maps for each sector in 2008 and 2012. The exception is for Offshore Wind where the map refers to the distribution of firms in this sector. These maps have been published in the Witty Review (2013).

3.2 Industrial Strategy Sectors and the LEPs

Aerospace

The Aerospace industry covers the manufacture and repair of air and spacecraft. Employment in 2008 was highly concentrated within three LEPs, with employment in the Lancashire; Derby, Derbyshire, Nottingham and Nottinghamshire; and the West of England LEPs at least four times more concentrated than the GB average. Cheshire and the Heart of the South West LEPs, and to a lesser extent the Solent LEP, also had a high concentration of employment within the Aerospace industry, with LQs of 3-4 for the former two and 2-3 for the latter. The employment pattern remained broadly unchanged by 2012, the main changes to the above being a drop in the LQ from 4+ to 3-4 for the Derby, Derbyshire, Nottingham and Nottinghamshire LEP and an increase in the LQ, from 1-2 to 2-3, for Gloucestershire.

Automotive

The Automotive sector covers the manufacture of vehicles, as well as associated electronic parts and accessories. In 2008 the heaviest concentration of employment within the sector was in the Coventry and Warwickshire LEP at four times (or more) the GB average; and the Greater Birmingham and Solihull LEP, at 3-4 times the average. Those with employment around twice the average included the North East and Humber LEPs, alongside LEPs located in the West of England, namely in the Swindon and Wiltshire; Oxfordshire; Worcestershire, Cheshire and Warrington and the Marches LEP. By 2012 the concentration of employment in Greater Birmingham and Solihull had increased to more than four times the average, whilst the LQs of the Swindon and Wiltshire and Cheshire and Warrington LEPs had also risen to 3-4 times the average. The concentration of employment in the Humber LEP, whilst still above average had declined, resulting in a LQ of 1-2.

Localisation of Industrial Activity across England's LEPs

Life Sciences

The Life Sciences sector covers the manufacture of pharmaceutical products; medical; dental and electromedical equipment, as well as R&D on biotechnology. Employment within the sector in 2008 was most heavily concentrated in the Hertfordshire LEP, with an LQ of 3-4, followed by Cheshire and Warrington with an LQ of 2-3. The Enterprise M3 LEP and Coast to Capital also had concentrations up to twice the GB average. By 2012 this picture had altered radically, the Humber, Oxfordshire, and Swindon and Wiltshire LEPs had joined Hertfordshire as the most concentrated LEPs for Life Sciences, all of which had employment up to 3 times more concentrated than the GB average.

Agri-tech

The Agri-tech sector covers crop and animal production; aquaculture; and the manufacture of pesticides; fertiliser and agricultural machinery. Employment within the sector was concentrated in LEPs situated around the coast. In 2008 the Greater Lincolnshire LEP had the highest concentration of employment at four times (or more) the GB average, followed by the Marches and New Anglia LEPs at three to four times the average. Cumbria; York, North Yorkshire and East Riding; and the Humber regions also had employment concentrations up to three times higher than the GB average. By 2012 the Marches LEP had become the most heavily concentrated LEP for employment within the Agri-tech sector, followed by Greater Lincolnshire and New Anglia.

Education

The Education sector includes all the educational-related sub-sectors. None of the LEPS had particularly high concentrations of employment in Education in 2008 or 2012, with the majority of LEPS having employment equal to or just above the GB average.

Information Economy

The Information Economy sector includes software publishing, telecommunications; computer programming and other information service

Localisation of Industrial Activity across England's LEPs

activities. Employment within the sector was concentrated within a few LEPs, largely in the South of England. In 2008 Thames Valley Berkshire had the highest concentration, around four times the average, followed by the Enterprise M3 LEP. LEPs in the surrounding vicinity of these two also had employment concentrations at or just above the average, whilst Cheshire and Warrington was the only LEP in the North of England with a higher concentration than average. The pattern of employment was almost identical in 2012, with the exception of Cheshire and Warrington, which no longer had a higher than average employment concentration.

Professional and Business Services

The Professional and Business Services sector covers the legal, accountancy, consultancy and architectural and engineering sectors; scientific research; advertising, rental and other head office and business support activities. The sector was not highly concentrated in any specific LEP; those with concentrations at or just above the average were largely located in the Southern half of England. The pattern had not altered much by 2012, although LEPs in the midlands now had employment concentrations higher than previously, at or just above the average.

Nuclear

The Nuclear sector covers Nuclear production and related supply chain activities. In 2008 employment within the sector was most heavily concentrated within the Cumbria; and Derby, Derbyshire, Nottingham and Nottinghamshire LEPs, at four times (or more) the GB average. The Tees Valley LEP had an LQ of 3-4, whilst the Lancashire; Cheshire and Warrington; West of England and Thames Valley Berkshire LEPs all had employment concentrations two to three times the GB average. The main changes by 2012 were that the Tees Valley LEP was now below the GB average, in terms of employment, while Lancashire and Gloucestershire had become more heavily concentrated.

Localisation of Industrial Activity across England's LEPs

Oil and Gas

The Oil and Gas sector covers the extraction of crude petroleum and natural gas; support activities for its extraction; and the manufacture of coke and refined petroleum products. In 2008 there were three LEPs, all coastal, for which employment was most concentrated, namely the Humber LEP, with an LQ of 4+; Cheshire and Warrington, with an LQ of 3-4; and Greater Lincolnshire, with an LQ of 2-3. By 2012 these three LEPs remained most concentrated, although all now had an LQ representing employment concentrations of two to three times the GB average.

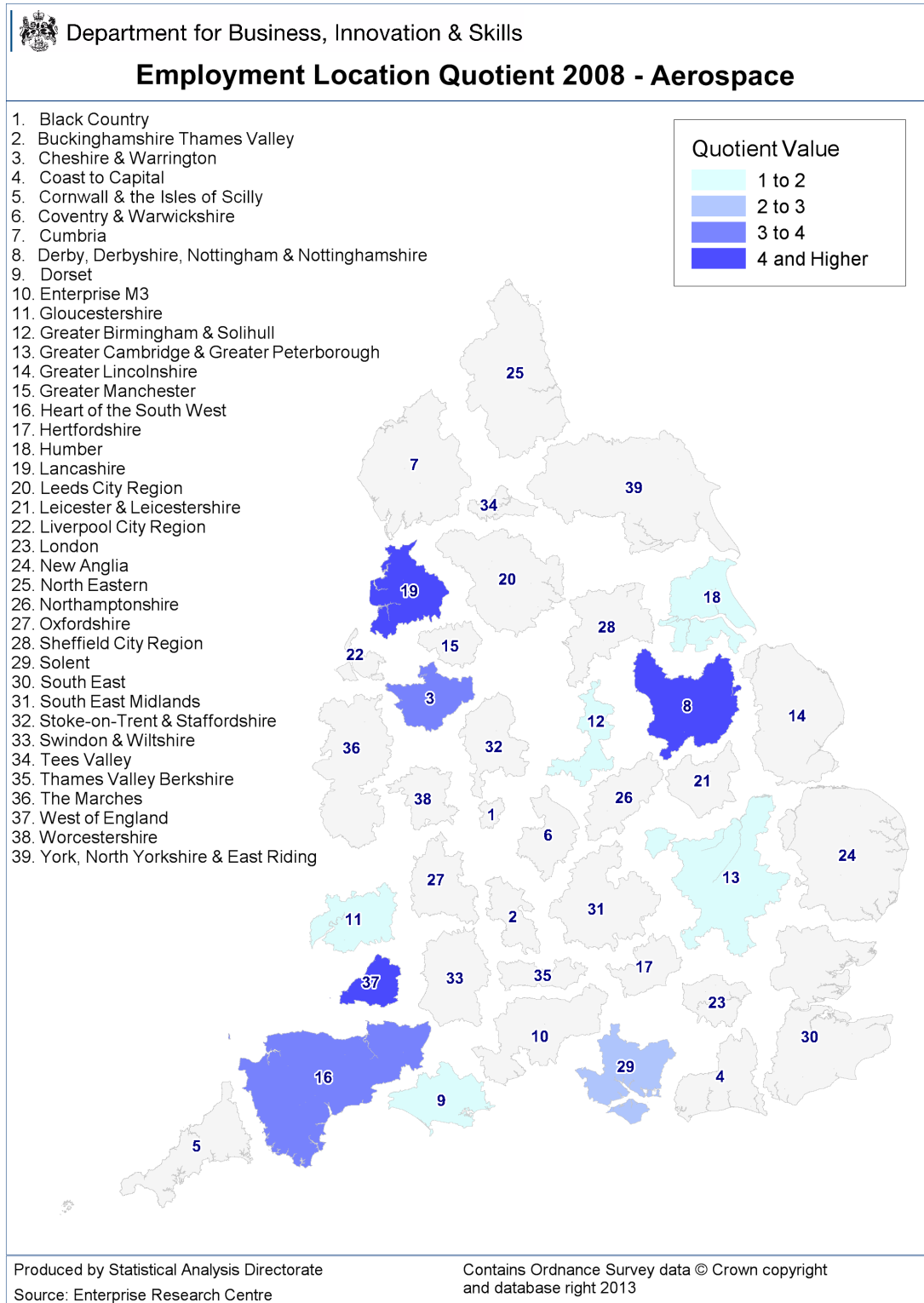
Offshore Wind

The Offshore Wind sector covers the generation of, and related supply chain activities of wind as a renewable energy. LQs were unavailable for the sector as a result of problems related to the disclosive nature of the data once we had linked the individual firms to the ONS BSD; however, the activities were largely located in LEPs situated around the coast, particularly the Eastern, North Eastern and North Western coastal areas.

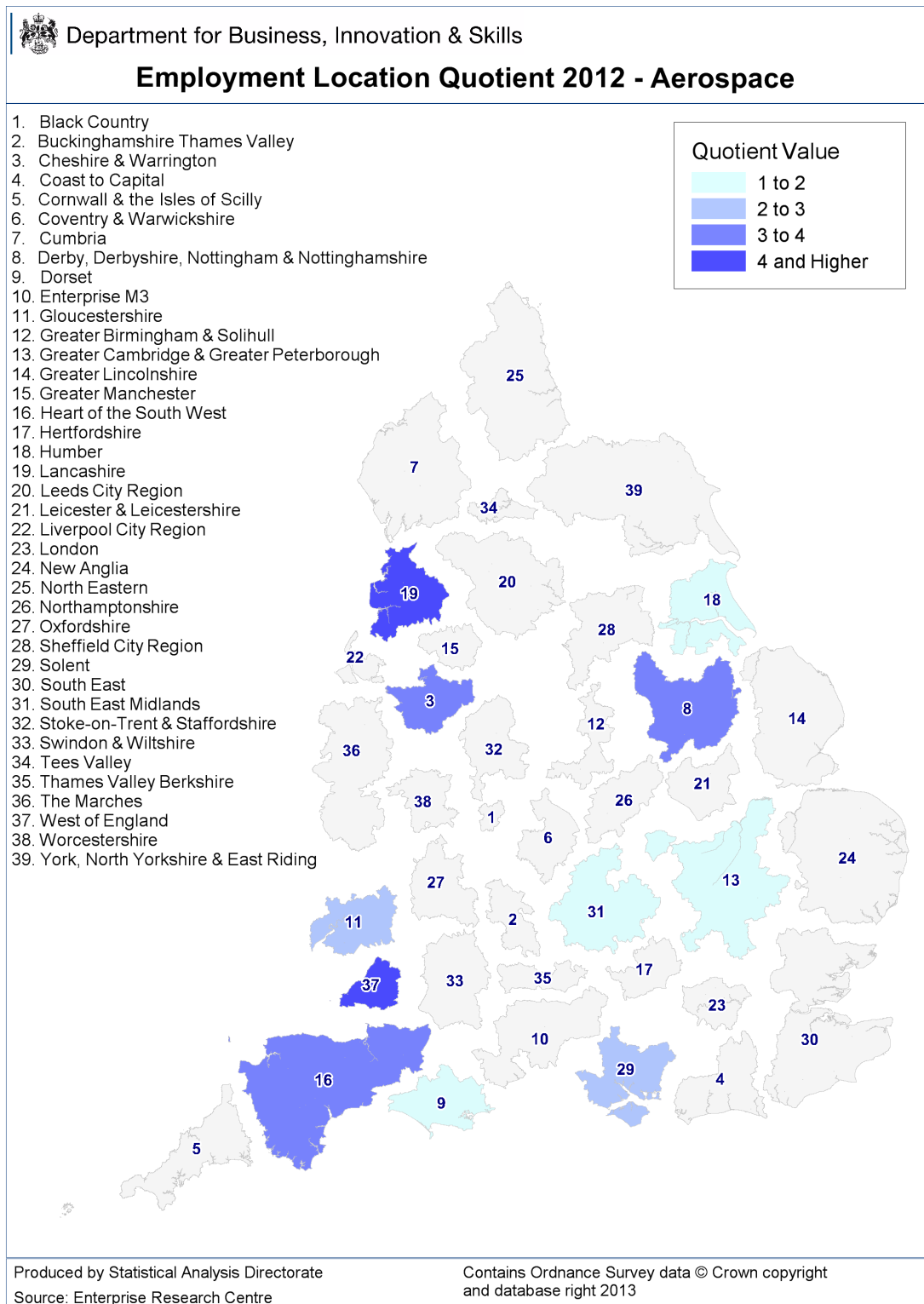
Construction

The Construction sector covers the construction of buildings; civil engineering activities and other specialised construction activities. The sector was not particularly concentrated in any LEP, with the majority in 2008 having employment concentrations at or just above the GB average; LEPs in the central belt of England being the exception, with below average concentrations. The pattern was similar in 2012, the main change being that several LEPs in the North now also had lower than average concentrations of construction employment.

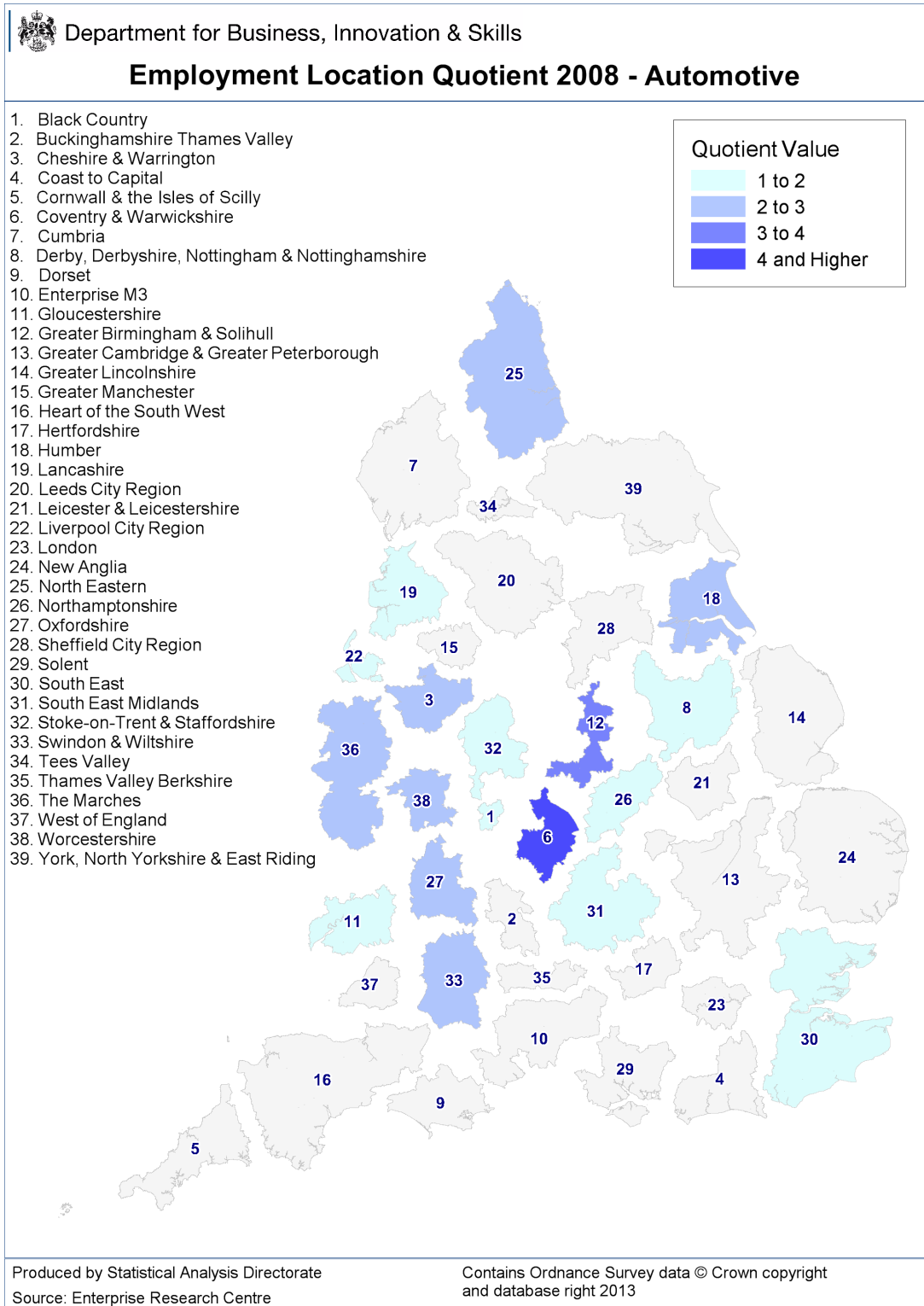
Localisation of Industrial Activity across England's LEPs



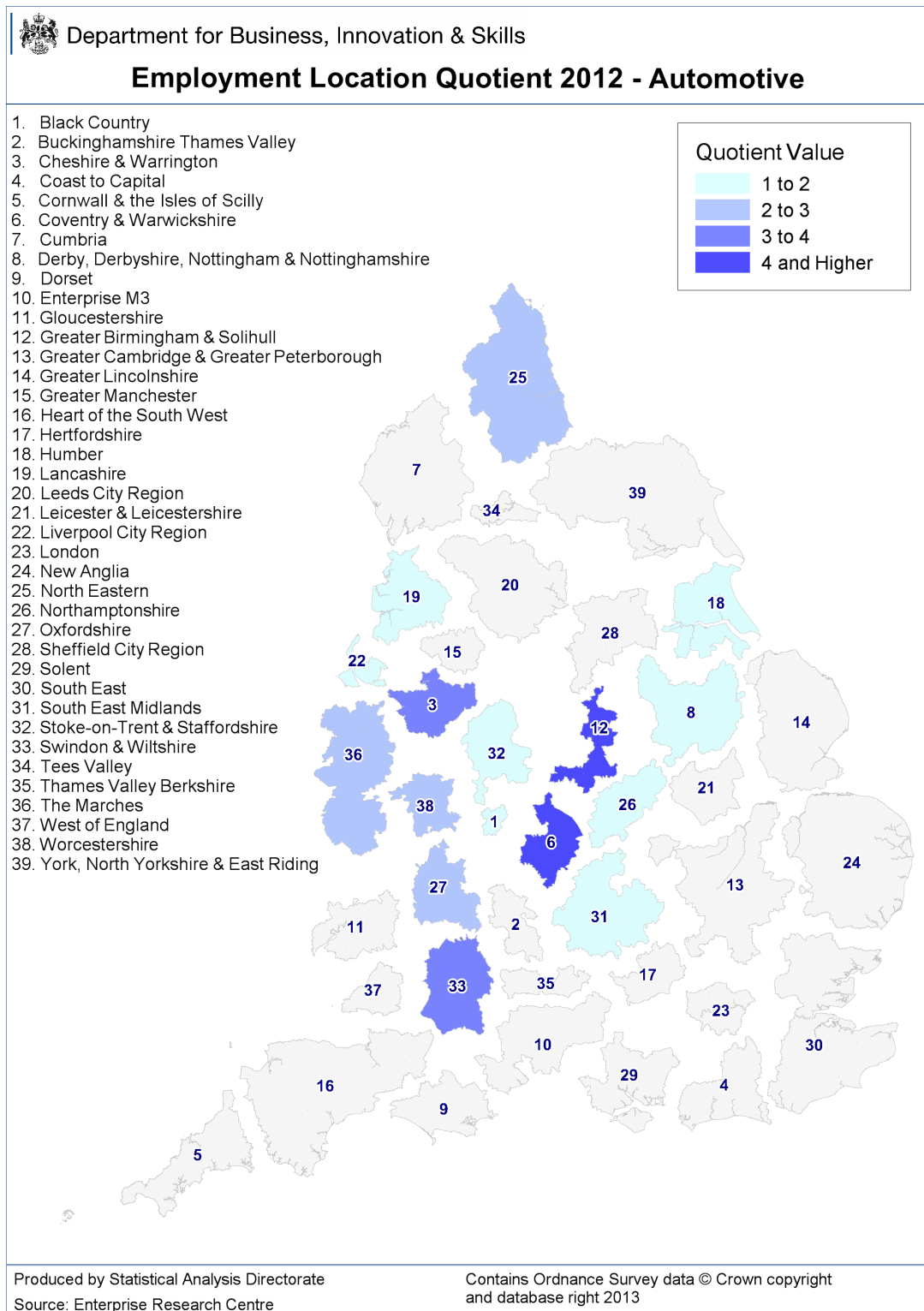
Localisation of Industrial Activity across England's LEPs



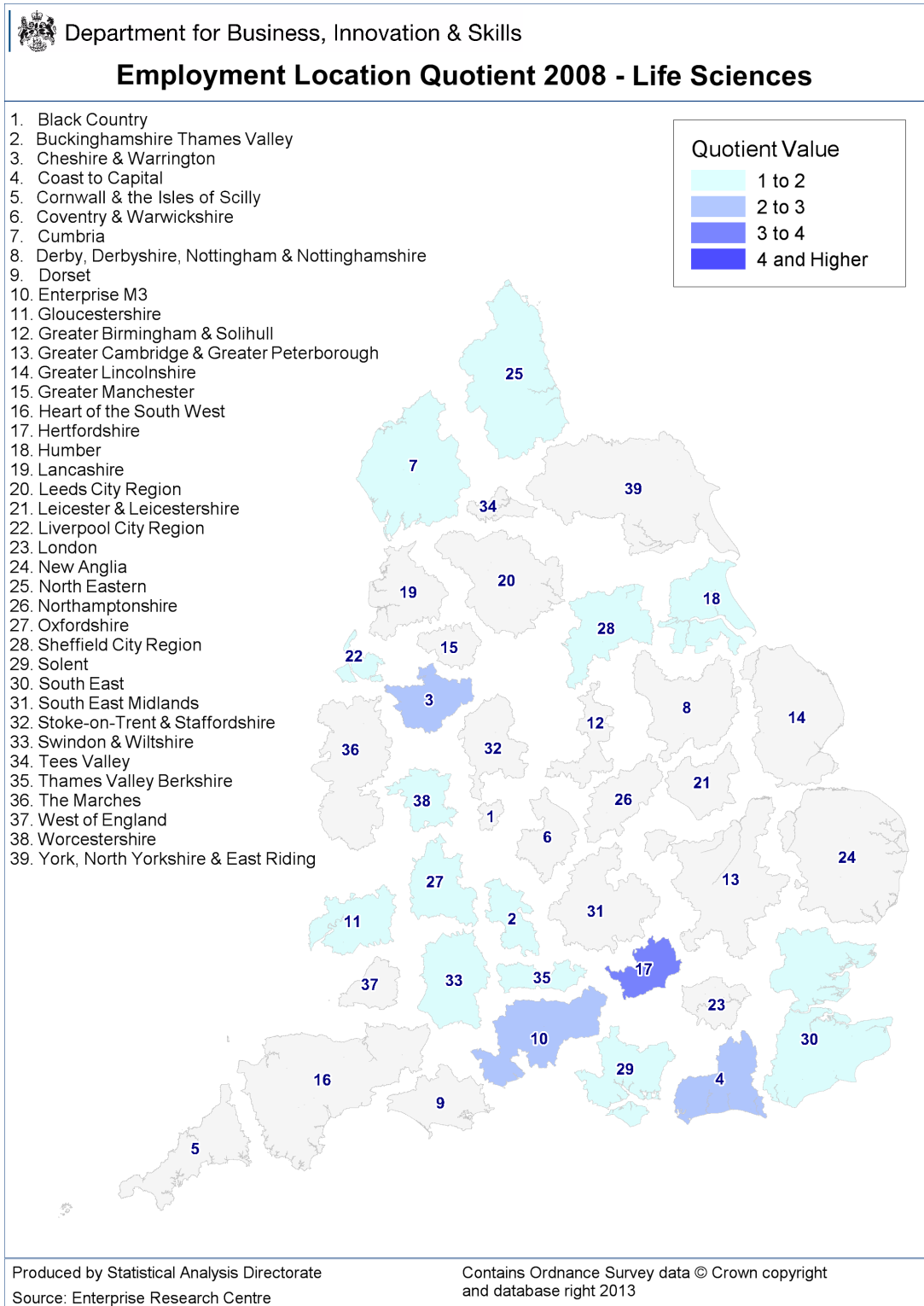
Localisation of Industrial Activity across England's LEPs



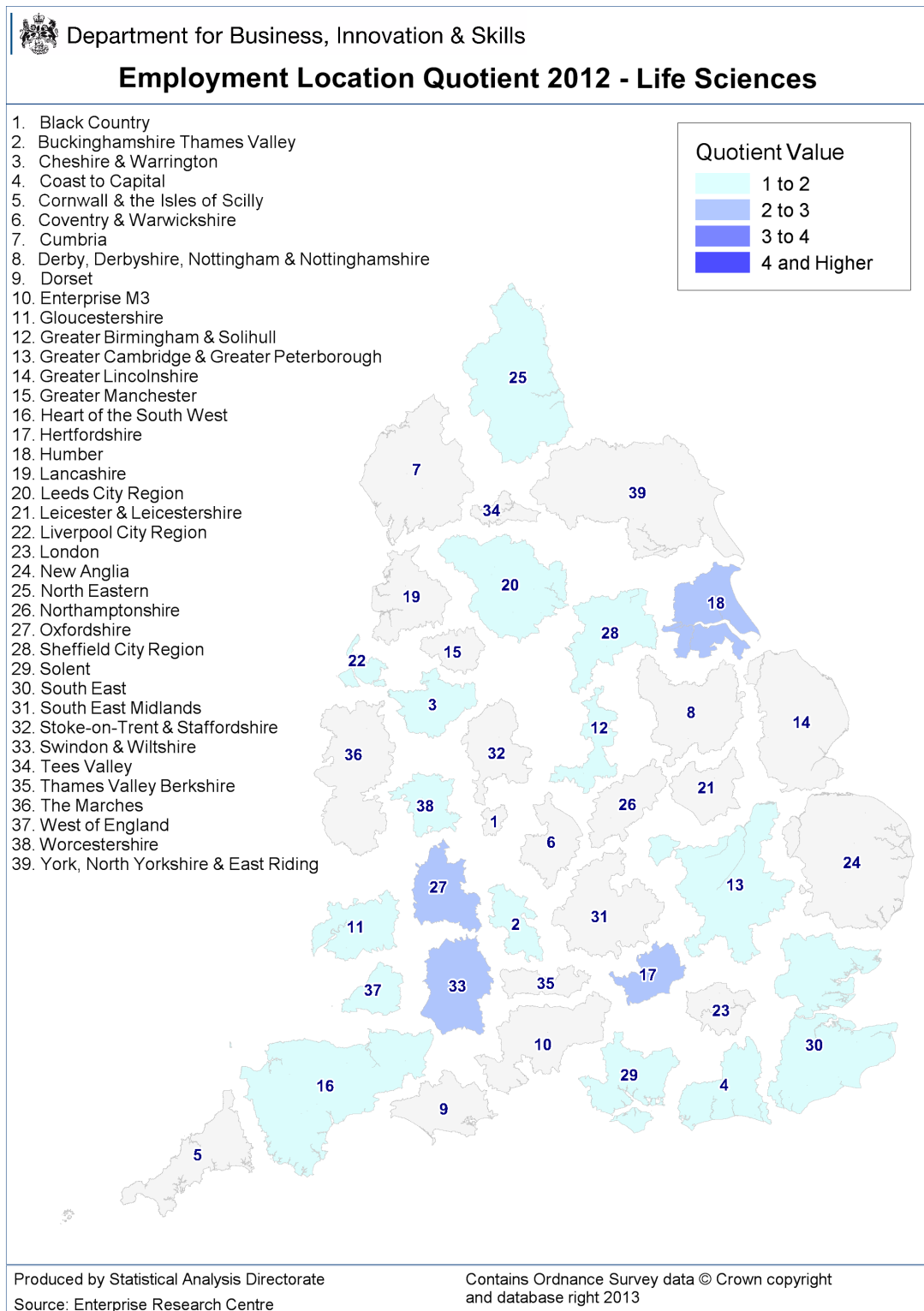
Localisation of Industrial Activity across England's LEPs



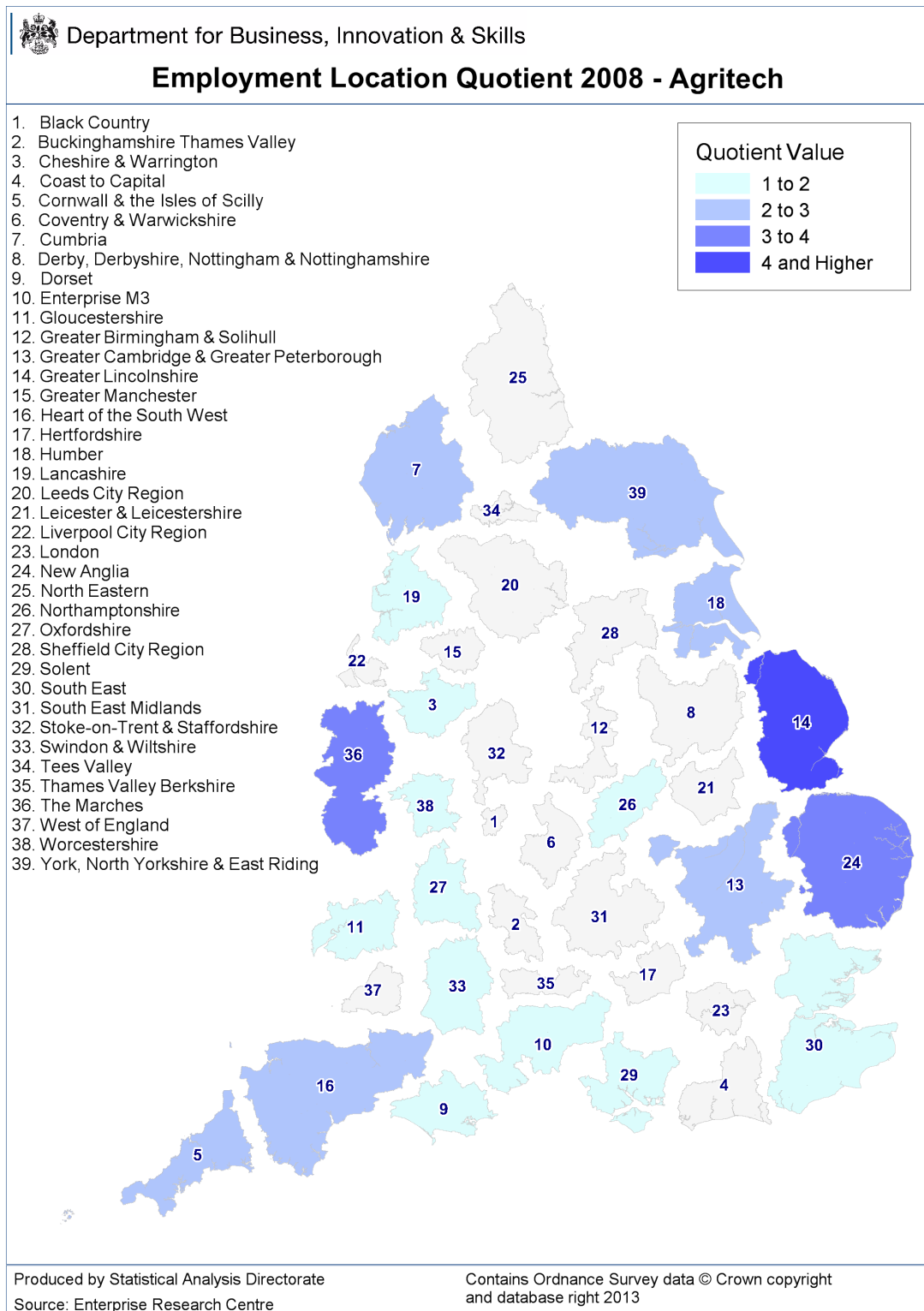
Localisation of Industrial Activity across England's LEPs



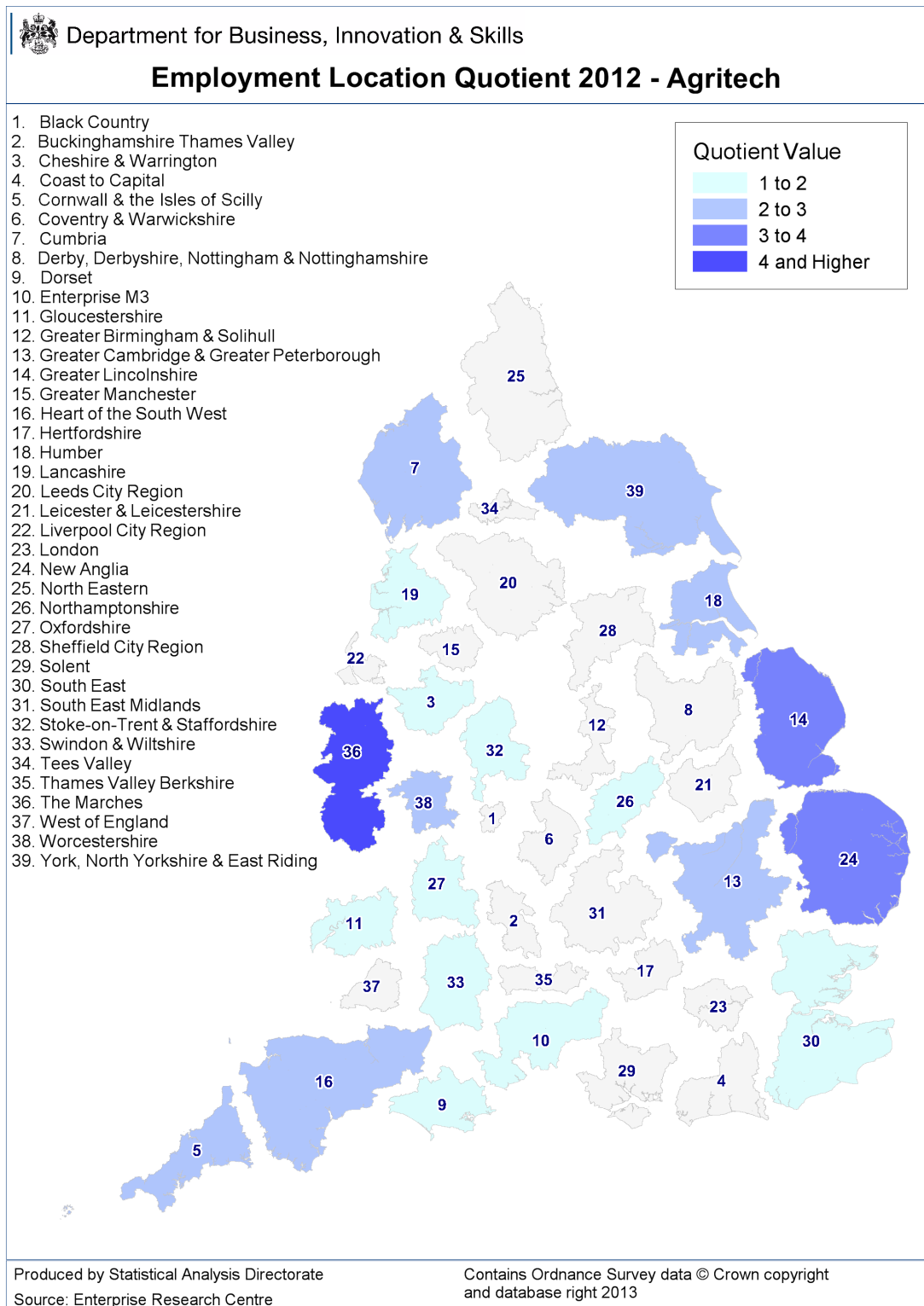
Localisation of Industrial Activity across England's LEPs



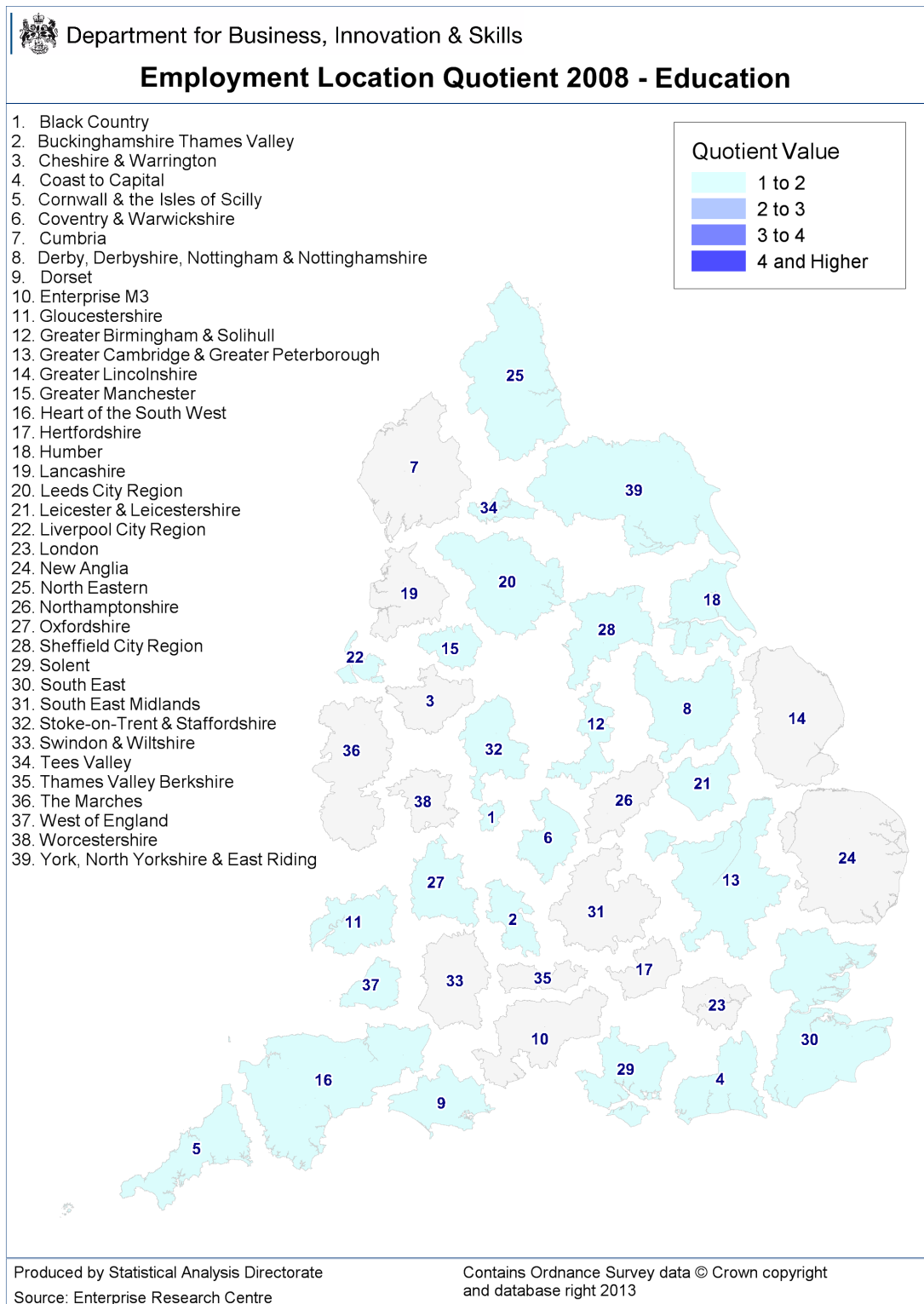
Localisation of Industrial Activity across England's LEPs



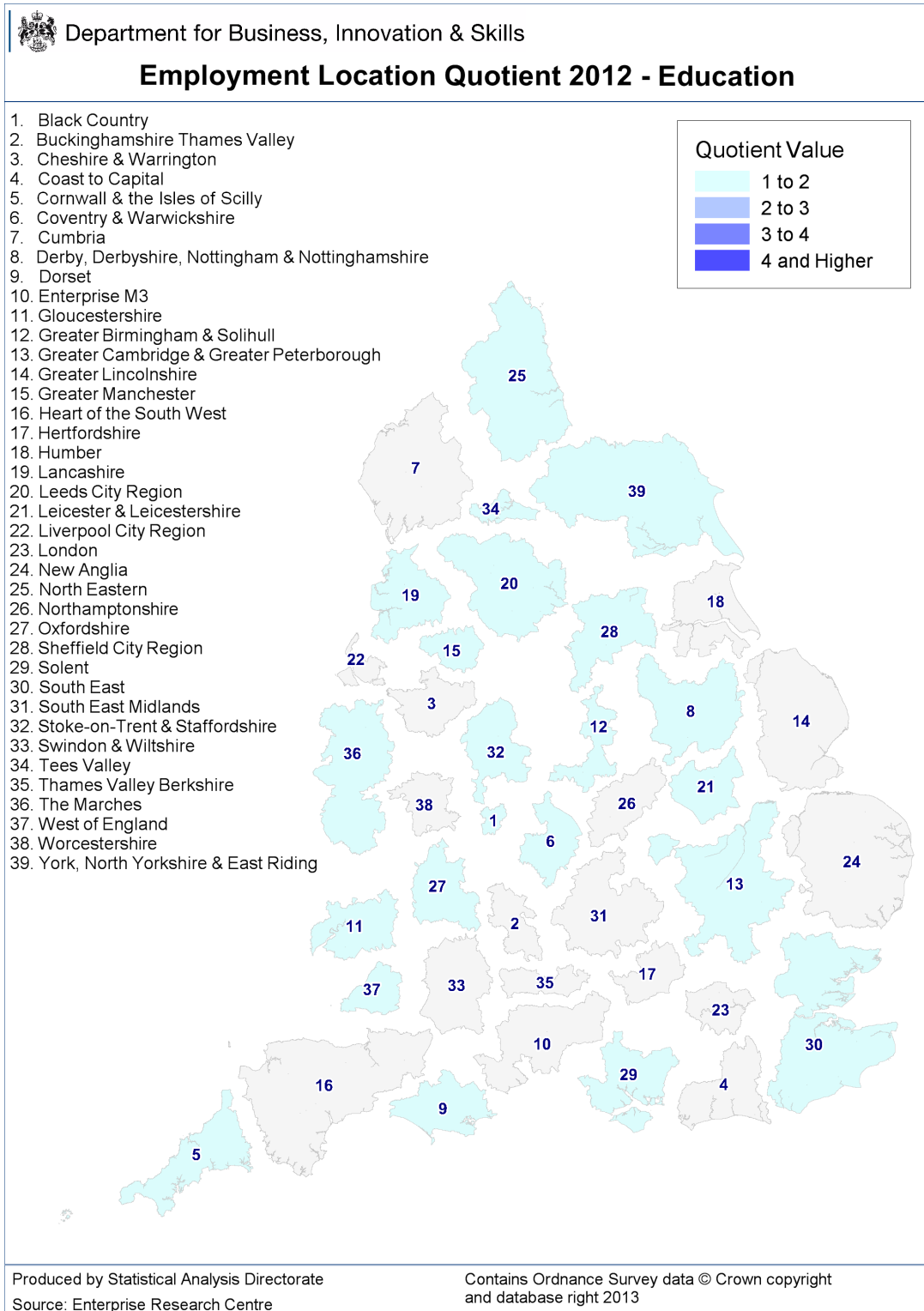
Localisation of Industrial Activity across England's LEPs



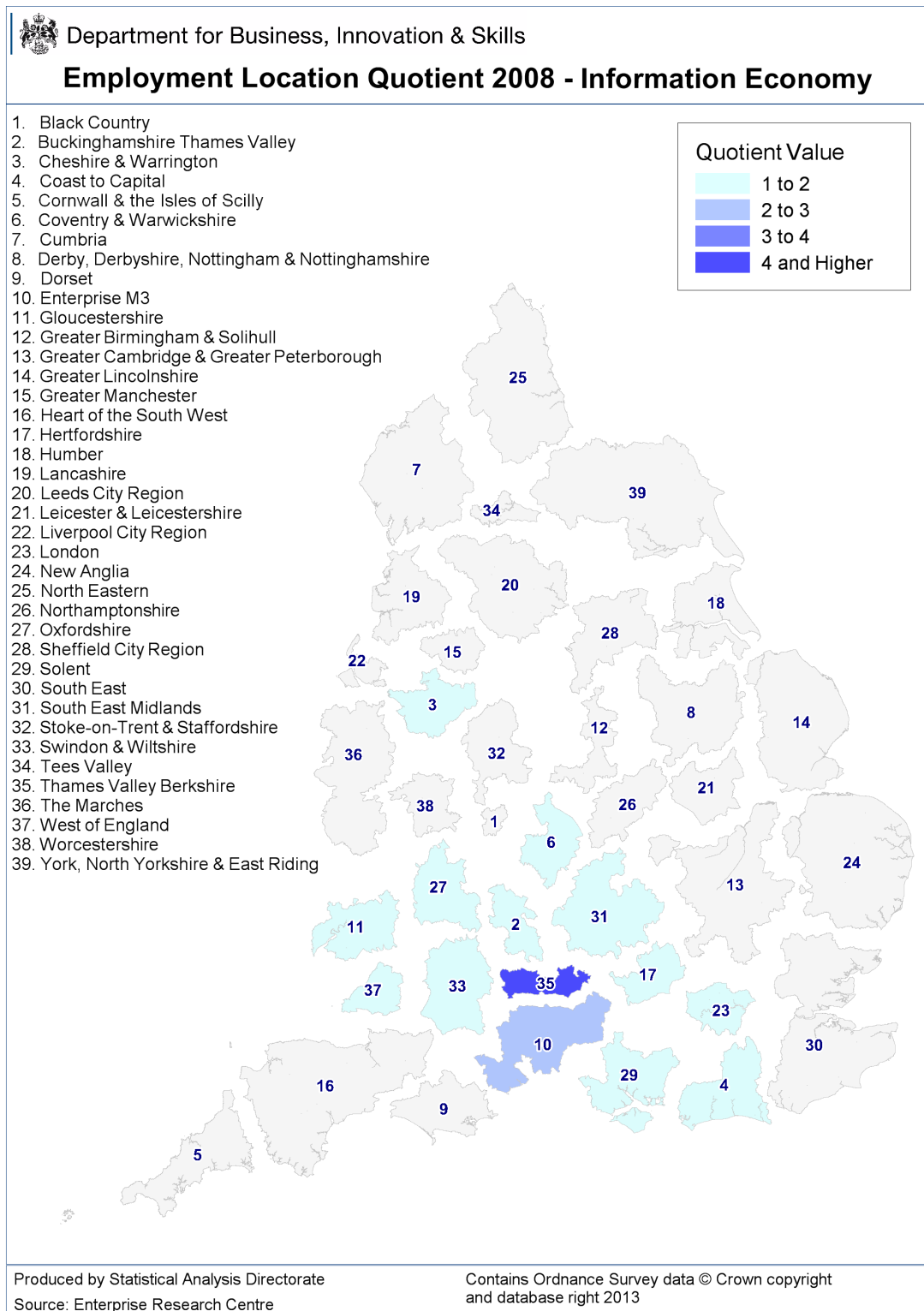
Localisation of Industrial Activity across England's LEPs



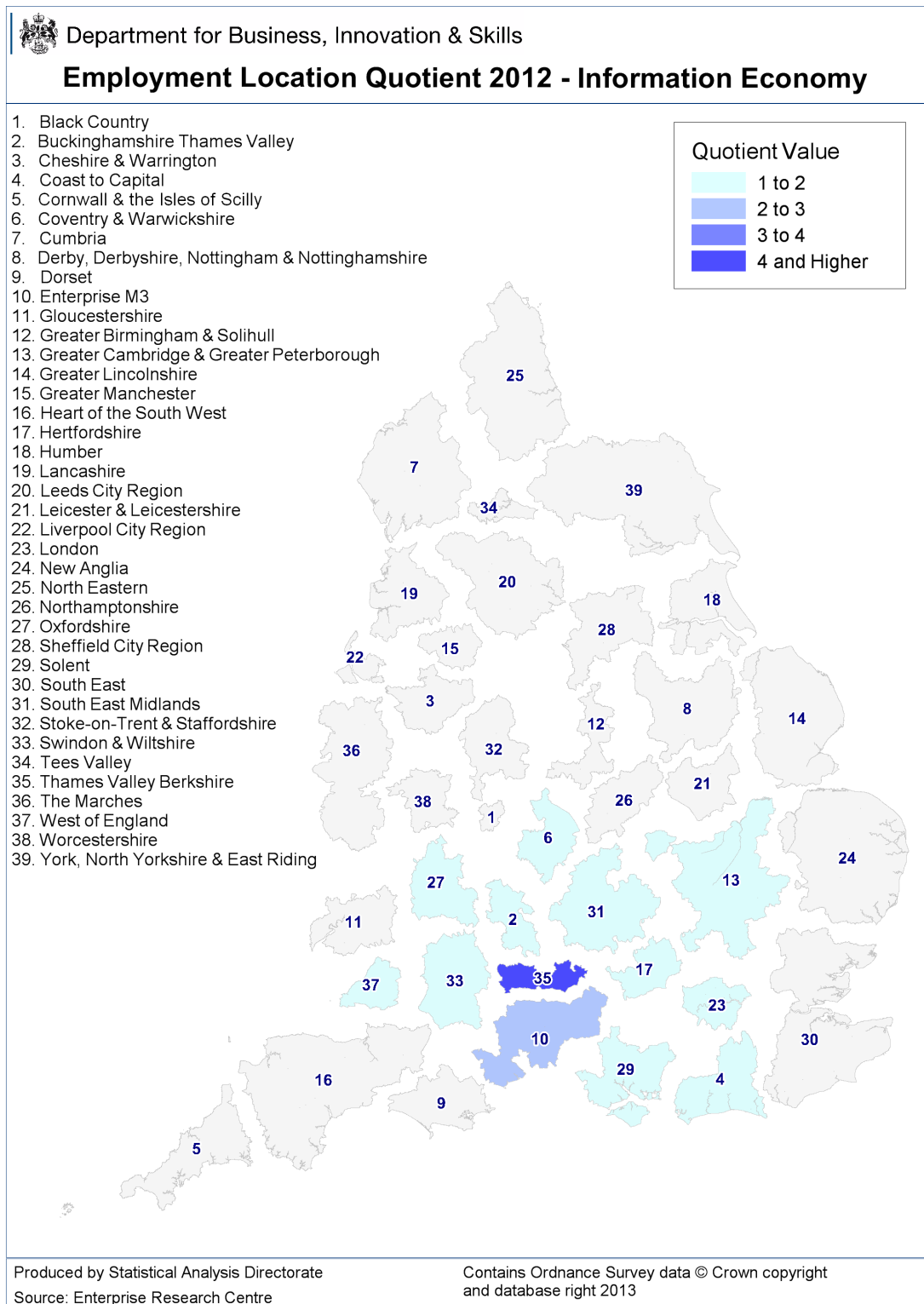
Localisation of Industrial Activity across England's LEPs



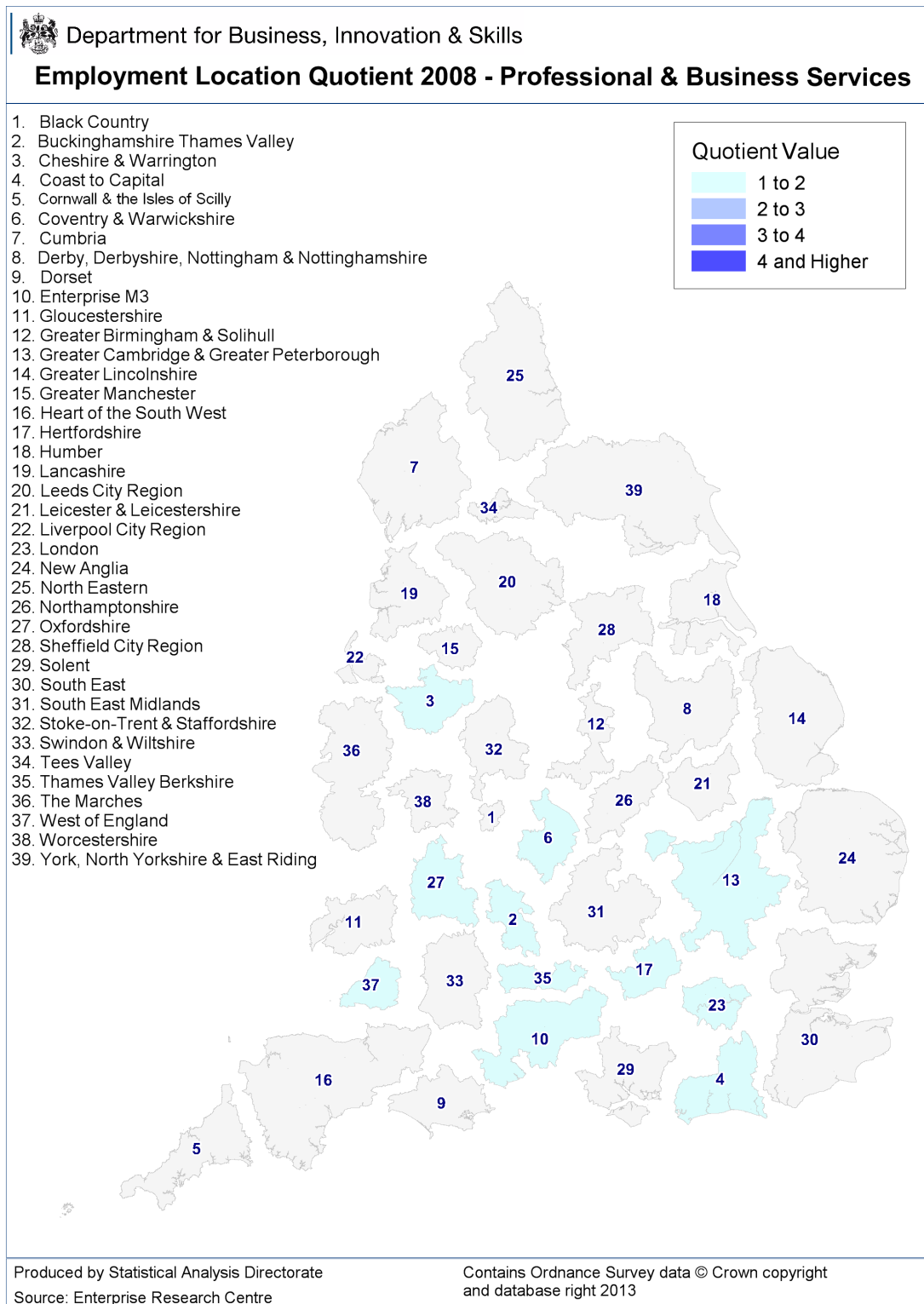
Localisation of Industrial Activity across England's LEPs



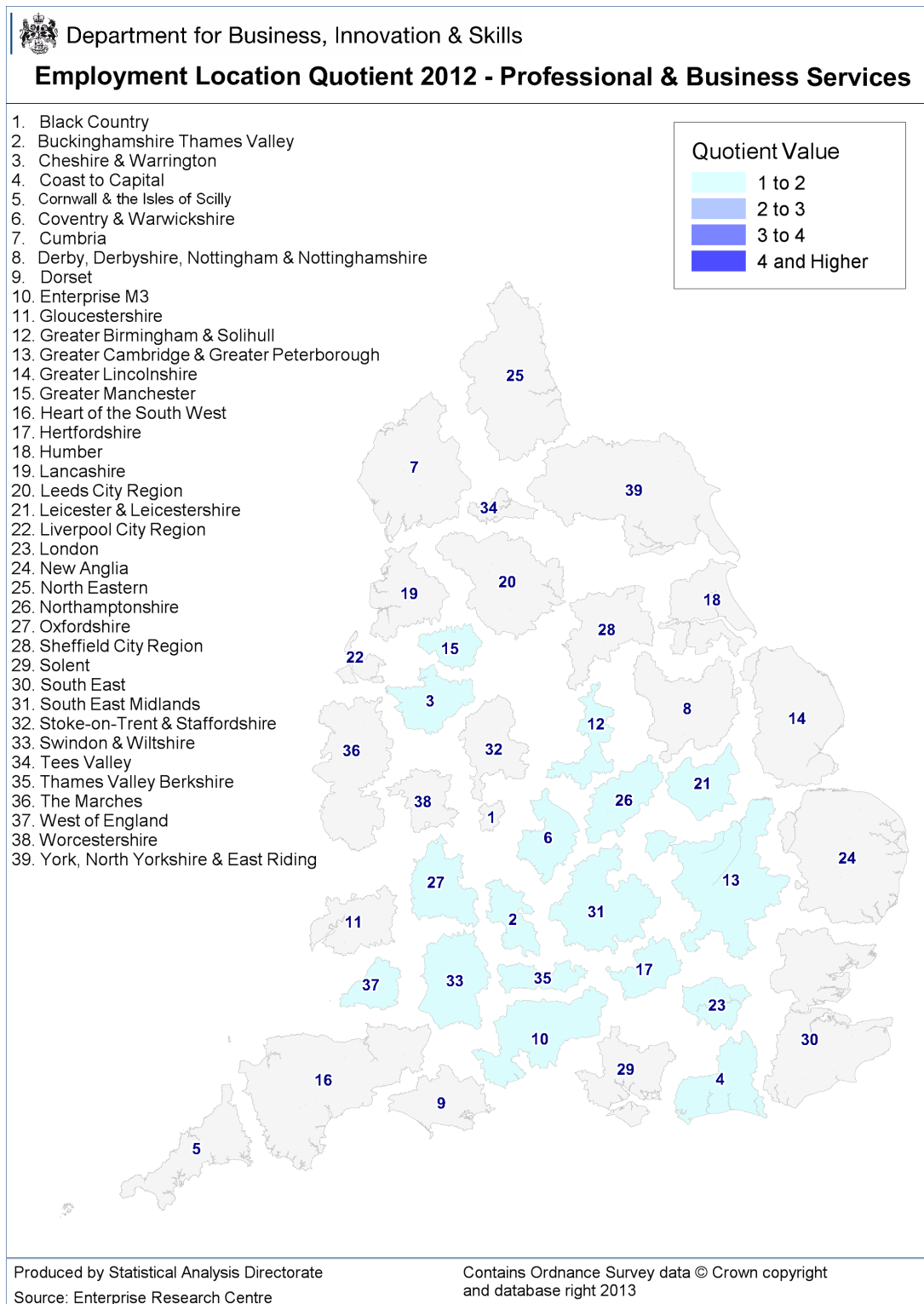
Localisation of Industrial Activity across England's LEPs



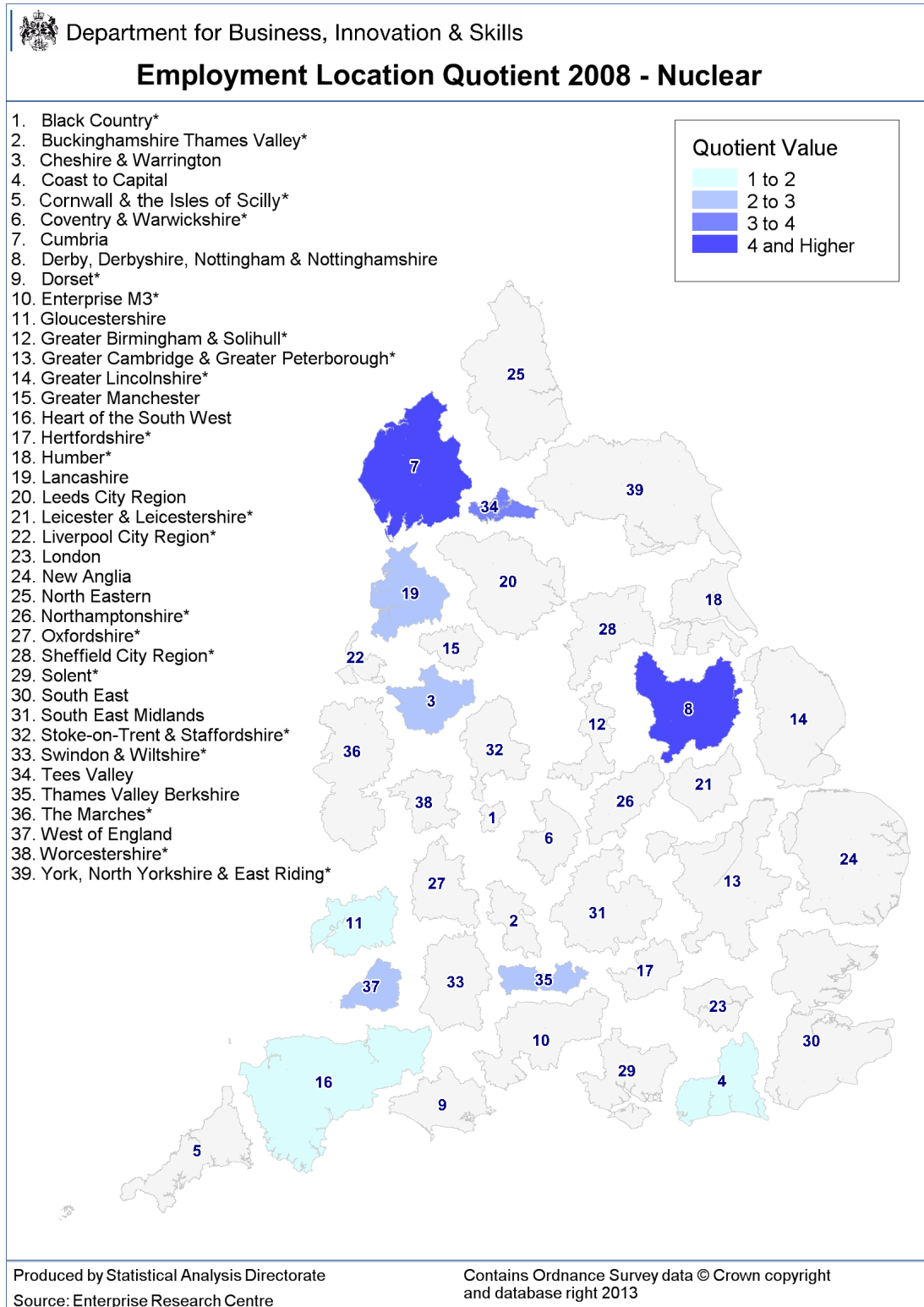
Localisation of Industrial Activity across England's LEPs



Localisation of Industrial Activity across England's LEPs



Localisation of Industrial Activity across England's LEPs



*indicates that the data for this LEP has been suppressed

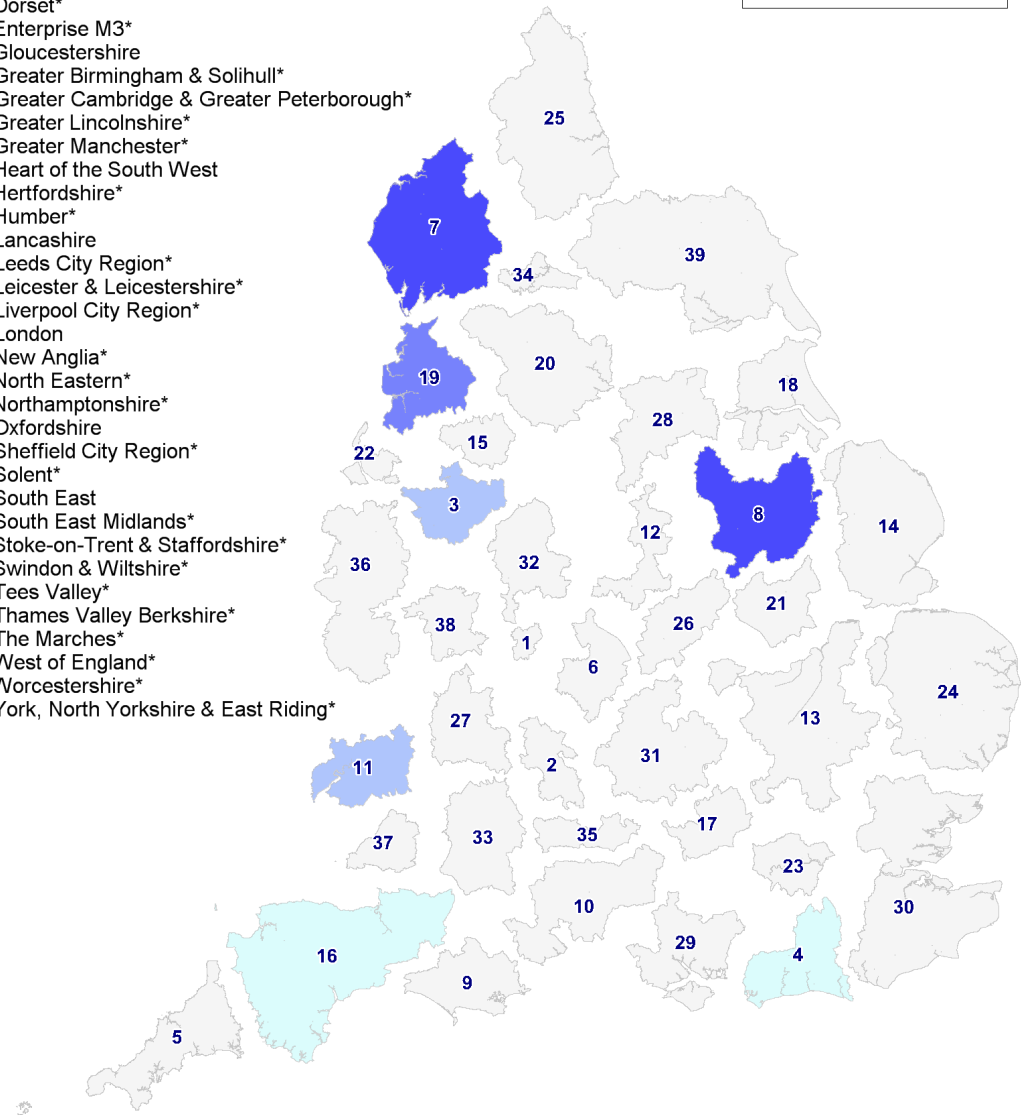
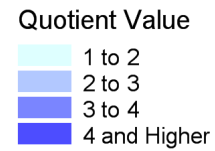
Localisation of Industrial Activity across England's LEPs



Department for Business, Innovation & Skills

Employment Location Quotient 2012 - Nuclear

1. Black Country*
2. Buckinghamshire Thames Valley*
3. Cheshire & Warrington
4. Coast to Capital
5. Cornwall & the Isles of Scilly*
6. Coventry & Warwickshire*
7. Cumbria
8. Derby, Derbyshire, Nottingham & Nottinghamshire
9. Dorset*
10. Enterprise M3*
11. Gloucestershire
12. Greater Birmingham & Solihull*
13. Greater Cambridge & Greater Peterborough*
14. Greater Lincolnshire*
15. Greater Manchester*
16. Heart of the South West
17. Hertfordshire*
18. Humber*
19. Lancashire
20. Leeds City Region*
21. Leicester & Leicestershire*
22. Liverpool City Region*
23. London
24. New Anglia*
25. North Eastern*
26. Northamptonshire*
27. Oxfordshire
28. Sheffield City Region*
29. Solent*
30. South East
31. South East Midlands*
32. Stoke-on-Trent & Staffordshire*
33. Swindon & Wiltshire*
34. Tees Valley*
35. Thames Valley Berkshire*
36. The Marches*
37. West of England*
38. Worcestershire*
39. York, North Yorkshire & East Riding*

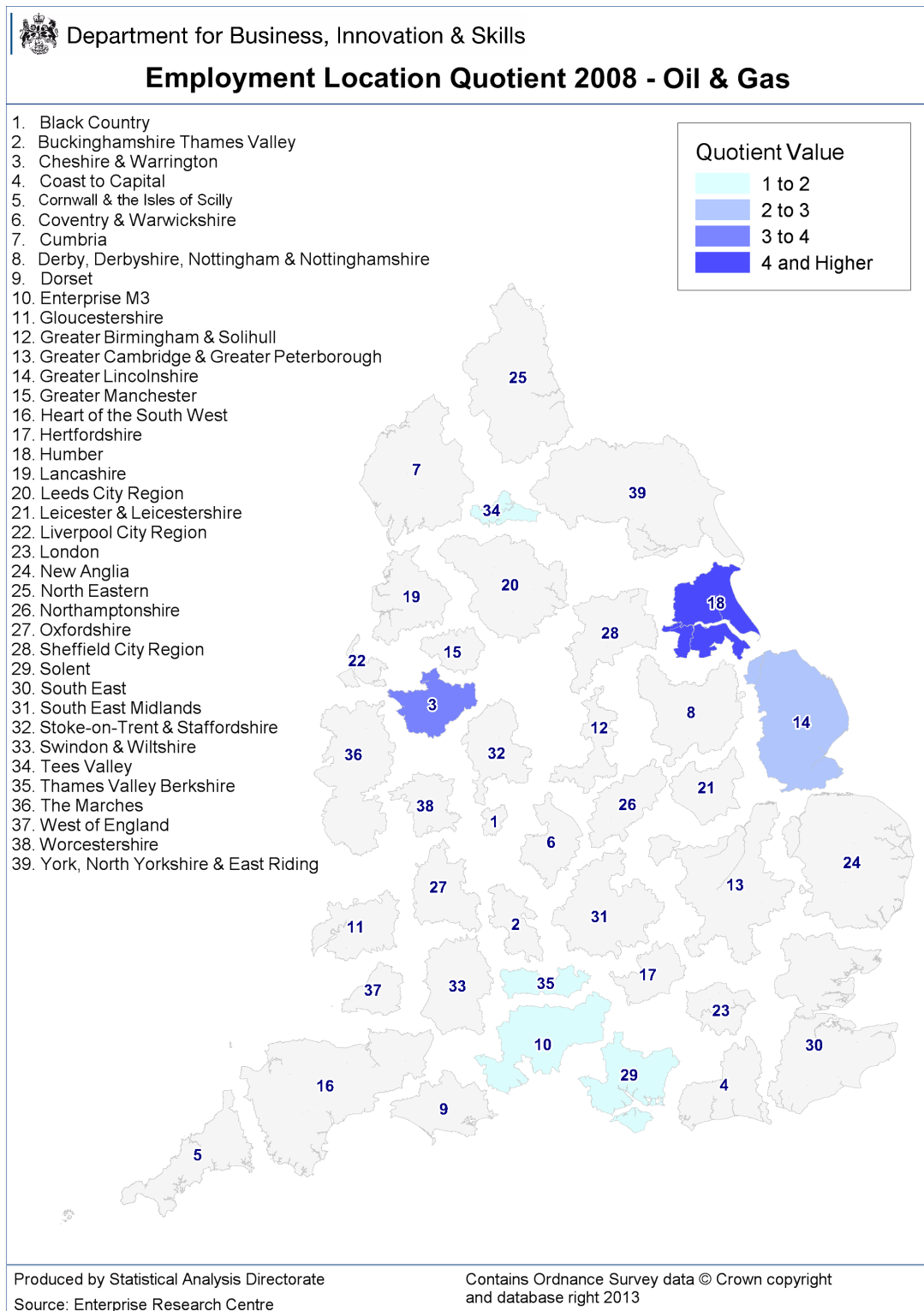


Produced by Statistical Analysis Directorate
Source: Enterprise Research Centre

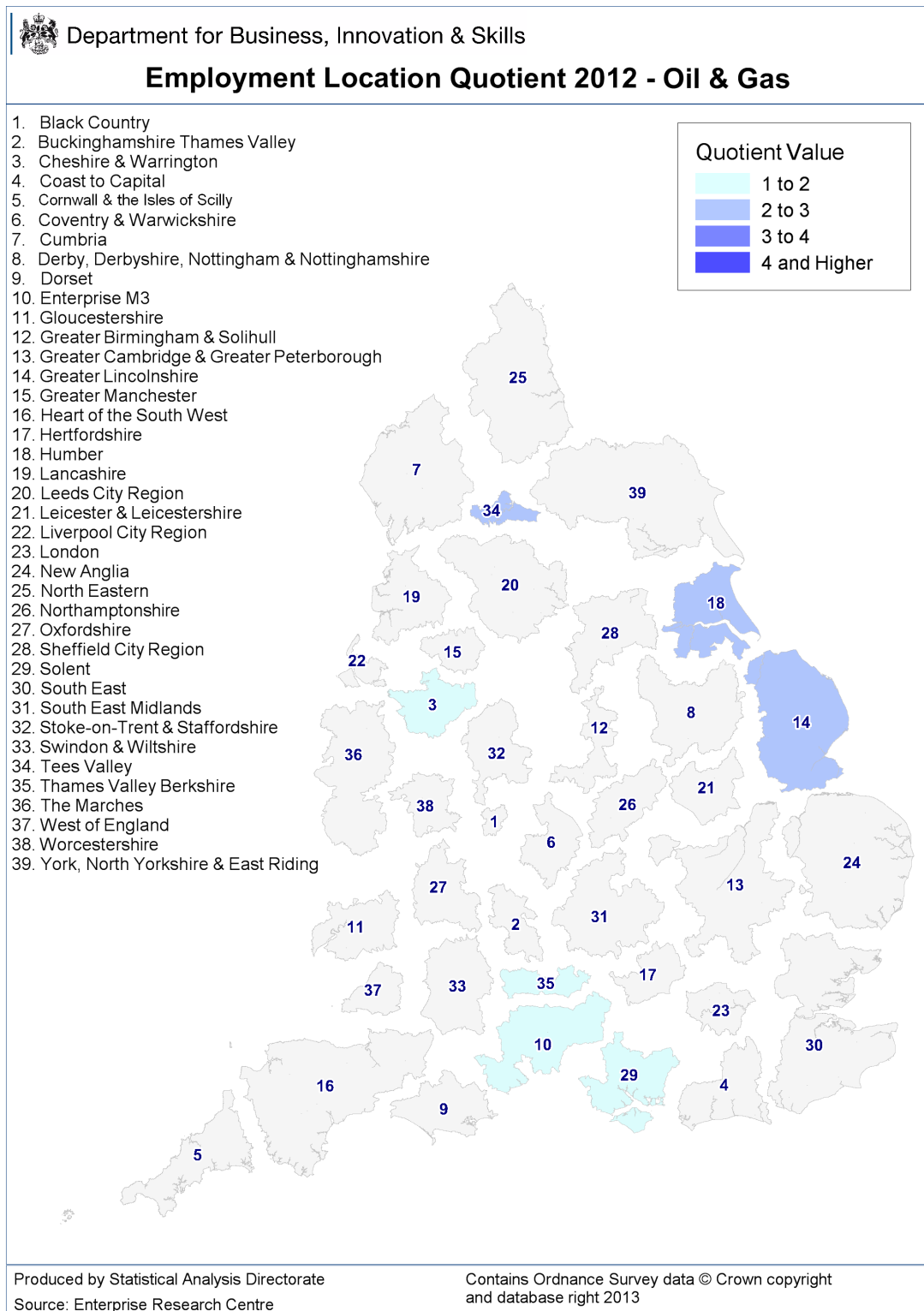
Contains Ordnance Survey data © Crown copyright
and database right 2013

*indicates that the data for this LEP has been suppressed

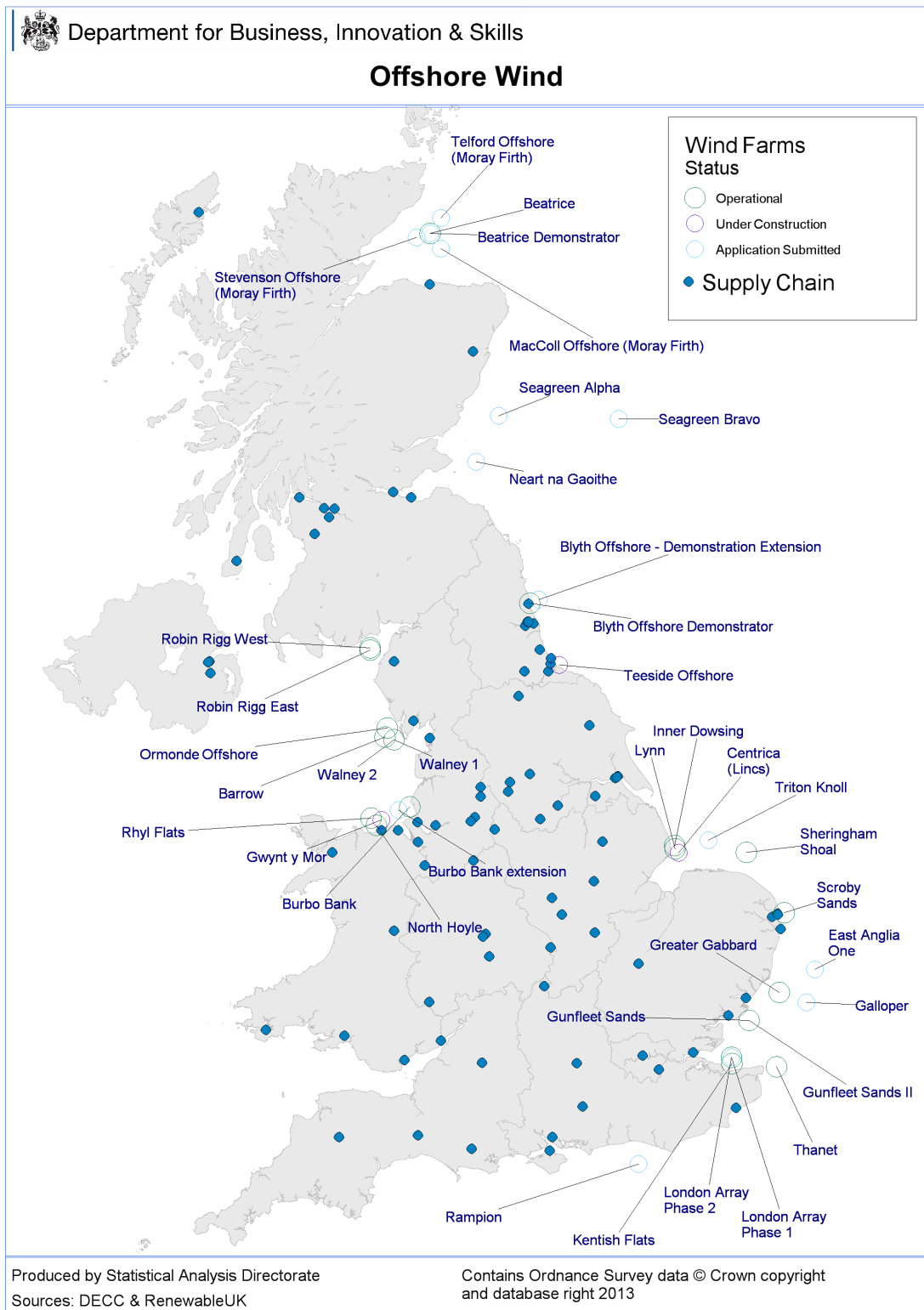
Localisation of Industrial Activity across England's LEPs



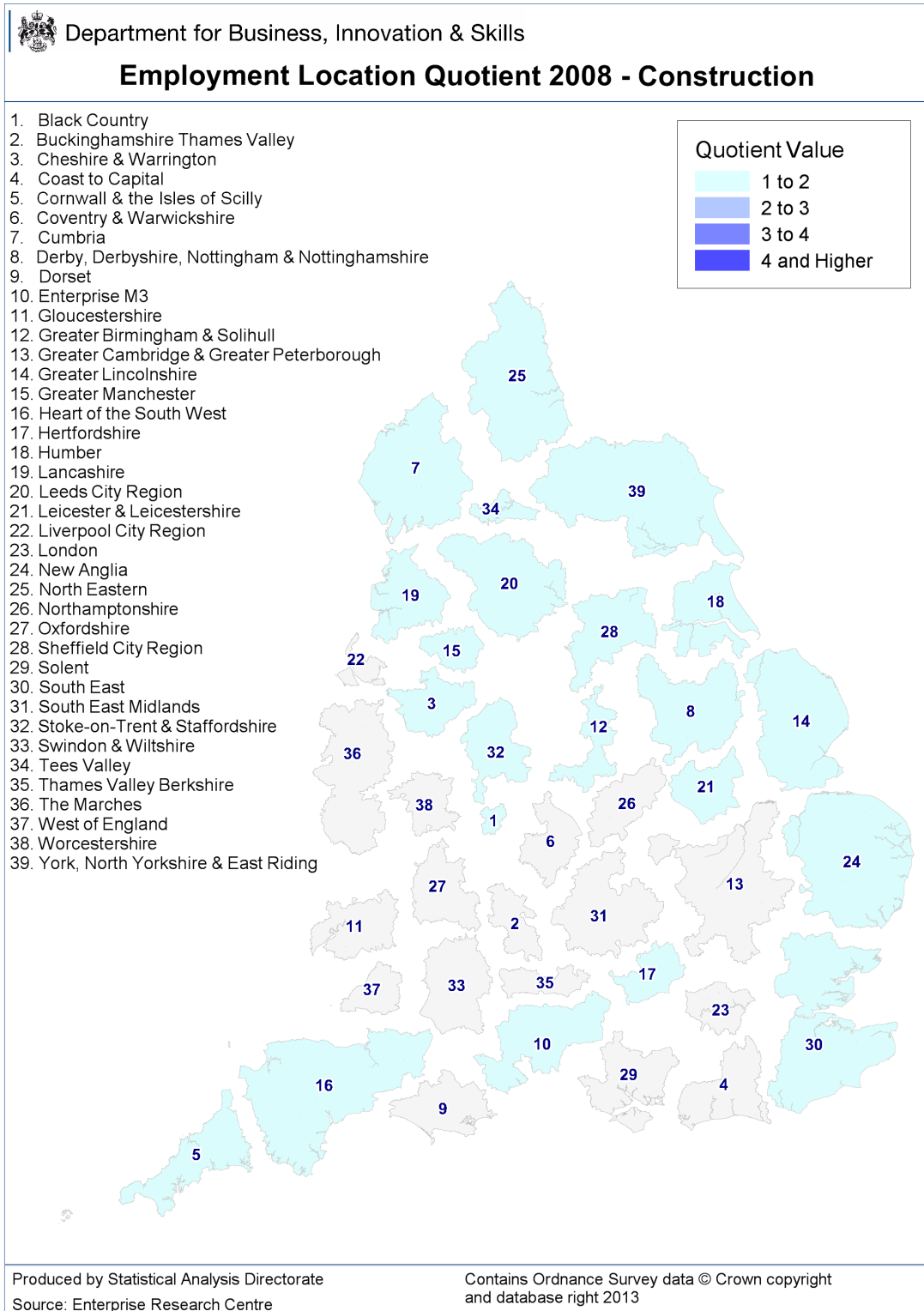
Localisation of Industrial Activity across England's LEPs



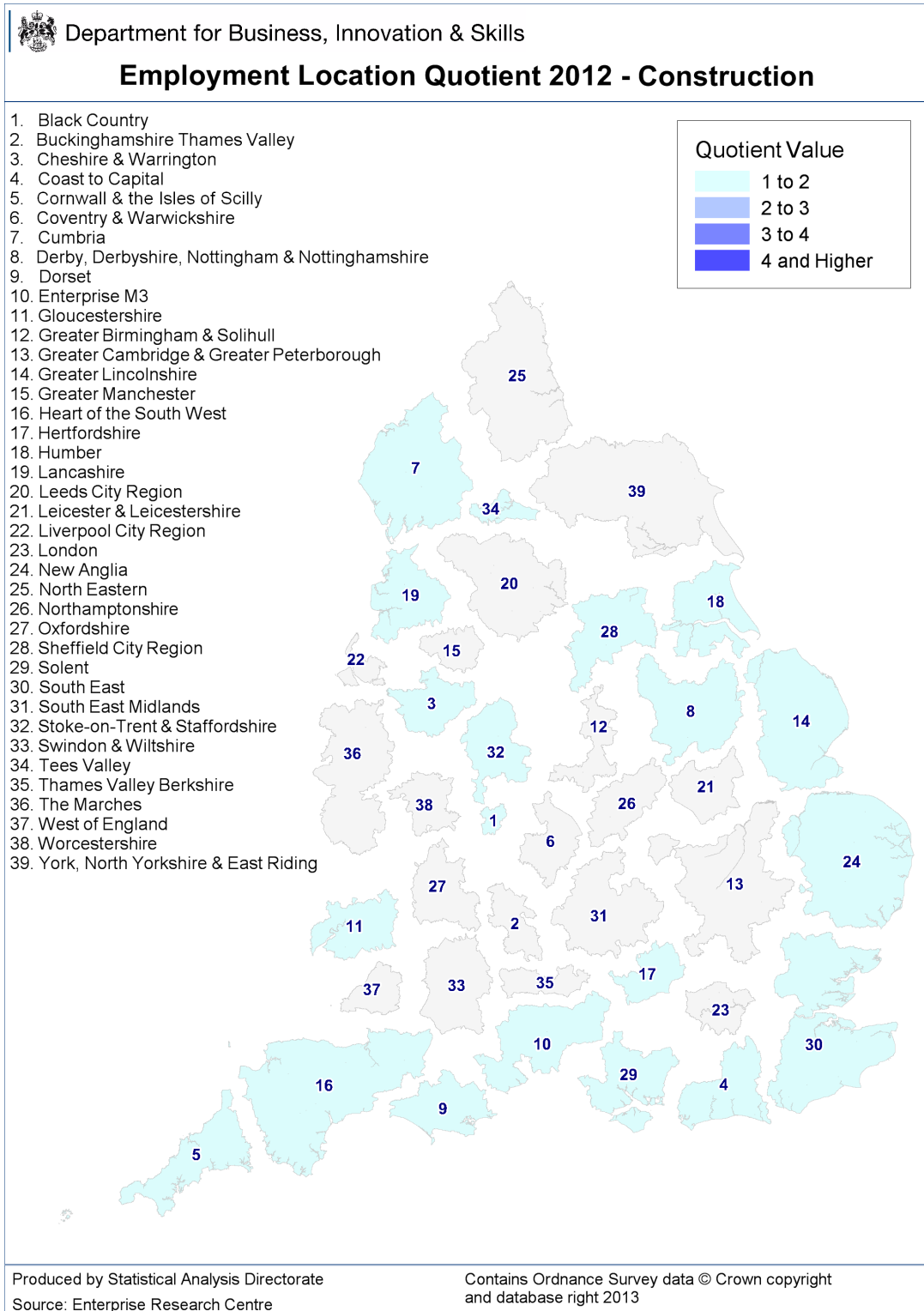
Localisation of Industrial Activity across England's LEPs



Localisation of Industrial Activity across England's LEPs



Localisation of Industrial Activity across England's LEPs



4. Localisation: LEP LQ Analysis

4.1 Introduction

The objective of this section is to set out in as an accessible way as possible the LQ analysis for each of the 39 English LEPs. We do this by presenting for each LEP two tables for each year (2008 and 2012). First, a table of the top 20 sectors by LQ score with details of the number of workplaces and total employment in the sector and the overall GB share of employment in the LEP. Second, a table of the top 20 sectors by jobs. This is important to ensure that extremely high LQs are normalised in some way in terms of the importance of the activity locally and indeed nationally. The following section discusses the results of each of the 39 LEPs in turn.

4.2 LEP Clusters – Top 20 LQs in Context

Black Country LEP

The top 20 sectors by jobs had a total employment of 161,643 in 2012, a slight decline from 166,647 in 2008. Therefore, more than a third of jobs in the Black Country LEP were in its top 20 sectors by employment, 36.7% out of a total of 440,826 jobs in 2012 (35.2% out of 473,575 jobs in 2008).

The industrial heritage of the Black Country shows in the top 20 sectors as measured by LQ, with a strong focus on the manufacture of basic metals, of fabricated metal products and of machinery and equipment (SICs starting 24, 25, 28). In terms of employment the contribution of the top 20 LQ sectors is lower, with 41,677 jobs in 2008 down to 33,722 jobs in 2012, or 20.9% of total Black Country employment (with the latter figure representing 10.8% of total jobs in GB within these listed sectors). This represents a higher proportion of jobs among the most concentrated industries than for most other LEPs.

Few of the top performing sectors by LQ were important in terms of employment, for example, the top sector for both 2008 and 2012 in terms of LQ, cold forming or folding, only had a total employment of 427 jobs in 2012, down from 647 in 2008. Individual sectors provided notable

Localisation of Industrial Activity across England's LEPs

exceptions, such as the wholesale of metals and metal ores, which despite a marked decline between 2008 and 2012 still provided some 4,259 jobs in 2012. Similarly, combined facilities support activities, had a total of 8,099 jobs in 2012 (1.8% of total LEP jobs). Both of these sectors were ranked in the top 20 both for their high LQ and also for their total employment.

Whilst the general trend was one of decline for the top 20 sectors by LQ, manufacture of fasteners and screw machine products as well as of locks and hinges grew by around 400 jobs from 2008 to 2012 (in addition to the aforementioned combined facilities support activities' sector's growth of 2,400 jobs).

There were several changes to the list of top 20 sectors by jobs between 2008 and 2012; the sectors dropping off the list and the new additions were quite diverse, although each of the sectors had fewer than 5,000 jobs.

Localisation of Industrial Activity across England's LEPs

Table 5.1.1: Top 20 Sectors by LQ 2008 – Black Country

2008 SIC	Top 20 by LQ		Black Country			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
24330	29	1596	15	647	22.83	Cold forming or folding
25720	565	9824	67	2983	17.10	Manufacture of locks and hinges
24510	169	6737	33	1968	16.45	Casting of iron
25940	209	5127	43	1070	11.75	Manufacture of fasteners and screw machine products
15120	207	1741	35	352	11.38	Manufacture of luggage, handbags and the like, saddlery and harness
46720	2031	27950	277	5150	10.38	Wholesale of metals and metal ores
24530	172	4625	27	840	10.23	Casting of light metals
24540	165	4234	26	657	8.74	Casting of other non-ferrous metals
24200	283	9081	43	1377	8.54	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel
25610	1539	21964	156	3215	8.24	Treatment and coating of metals
25500	997	25636	99	3651	8.02	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
25930	538	11487	73	1122	5.50	Manufacture of wire products, chain and springs
25730	1297	15829	119	1421	5.06	Manufacture of tools
81100	3489	67867	29	5698	4.73	Combined facilities support activities
28290	1680	27548	64	2261	4.62	Manufacture of other general-purpose machinery n.e.c.
25990	3440	31049	209	2471	4.48	Manufacture of other fabricated metal products n.e.c.
53202	5407	63924	167	4791	4.22	Unlicensed Carriers
28220	966	18566	61	1371	4.16	Manufacture of lifting and handling equipment
28490	590	5127	52	362	3.98	Manufacture of other machine tools
28210	188	3827	25	270	3.97	Manufacture of ovens, furnaces and furnace burners
		363739		41677	11.5%	Top 20 LEP SICs % of GB SIC jobs

Table 5.1.2: Top 20 Sectors by Jobs 2008 – Black Country

2008 SIC	Top 20 by jobs		Black Country			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	64	19056	0.90	Hospital activities
85200	27278	919909	419	18268	1.12	Primary education
47110	34592	953306	643	14746	0.87	Retail sale in non-specialised stores with food, beverages or tobacco (...)
78200	29767	669737	219	13207	1.11	Temporary employment agency activities
85310	5732	547903	87	11509	1.18	General secondary education
81210	28775	402194	701	9321	1.31	General cleaning of buildings
84110	12364	657299	130	8628	0.74	General public administration activities
88990	31875	449586	401	7167	0.90	Other social work activities without accommodation n.e.c.
56302	48502	391162	875	6280	0.90	Public houses and bars
47710	26202	353894	440	5808	0.92	Retail sale of clothing in specialised stores
86900	13758	279816	177	5778	1.16	Other human health activities
82990	72283	252302	906	5713	1.28	Other business support service activities n.e.c.
81100	3489	67867	29	5698	4.73	Combined facilities support activities
94990	10210	96966	153	5233	3.04	Activities of other membership organisations n.e.c.
49410	23658	246603	611	5181	1.18	Freight transport by road
46720	2031	27950	277	5150	10.38	Wholesale of metals and metal ores
43210	32719	203969	595	5058	1.40	Electrical installation
87300	11996	213537	170	5028	1.33	Residential care activities for the elderly and disabled
78109	20390	226652	138	5027	1.25	Activities of employment placement agencies (...) n.e.c.
53202	5407	63924	167	4791	4.22	Unlicensed Carriers

Localisation of Industrial Activity across England's LEPs

Table 5.1.3: Top 20 Sectors by LQ 2012 – Black Country

2012 SIC	Top 20 by LQ		Black Country			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
24330	31	1000	14	427	25.71	Cold forming or folding
24510	136	4381	21	1324	18.20	Casting of iron
25720	543	6882	56	2028	17.75	Manufacture of locks and hinges
25940	181	4528	44	1267	16.85	Manufacture of fasteners and screw machine products
15120	292	2547	44	557	13.17	Manufacture of luggage, handbags and the like, saddlery and harness
33170	558	8820	13	1482	10.12	Repair and maintenance of other transport equipment
24530	151	4762	21	788	9.97	Casting of light metals
46720	1927	26148	230	4259	9.81	Wholesale of metals and metal ores
24200	263	8949	43	1353	9.11	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel
25610	1404	20041	146	2769	8.32	Treatment and coating of metals
24540	116	1834	15	248	8.14	Casting of other non-ferrous metals
25500	759	18305	79	2283	7.51	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
46770	1377	9598	78	1074	6.74	Wholesale of waste and scrap
28210	168	2551	21	251	5.93	Manufacture of ovens, furnaces and furnace burners
25930	470	7793	53	661	5.11	Manufacture of wire products, chain and springs
28220	908	16225	54	1304	4.84	Manufacture of lifting and handling equipment
25730	1085	13615	98	1054	4.66	Manufacture of tools
25990	3568	28279	199	2161	4.60	Manufacture of other fabricated metal products n.e.c.
28490	524	4550	44	333	4.41	Manufacture of other machine tools
81100	3878	120430	40	8099	4.05	Combined facilities support activities
		311238		33722	10.8%	Top 20 LEP SICs % of GB SIC jobs

Table 5.1.4: Top 20 Sectors by Jobs 2012 – Black Country

2012 SIC	Top 20 by jobs		Black Country			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	78	20639	0.98	Hospital activities
85200	25303	1000063	391	18956	1.14	Primary education
47110	38907	1001066	771	17105	1.03	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5585	597877	95	11615	1.17	General secondary education
86900	20625	335775	381	8843	1.59	Other human health activities
78200	16131	635836	191	8588	0.81	Temporary employment agency activities
81100	3878	120430	40	8099	4.05	Combined facilities support activities
88990	31406	456446	544	7769	1.03	Other social work activities without accommodation n.e.c.
84110	14113	647996	188	6634	0.62	General public administration activities
47710	24030	356877	339	6501	1.10	Retail sale of clothing in specialised stores
56302	40012	360425	651	5534	0.92	Public houses and bars
81210	24563	383804	498	5226	0.82	General cleaning of buildings
82990	62198	244480	774	4799	1.18	Other business support service activities n.e.c.
85590	18126	202609	248	4662	1.39	Other education n.e.c.
43210	33158	189793	578	4658	1.48	Electrical installation
45200	35631	185758	743	4519	1.47	Maintenance and repair of motor vehicles
88100	11195	244977	190	4518	1.11	Social work activities without accommodation for the elderly and disabled
68320	13226	87919	154	4412	3.02	Management of real estate on a fee or contract basis
84240	2939	269548	29	4307	0.96	Public order and safety activities
46720	1927	26148	230	4259	9.81	Wholesale of metals and metal ores

Localisation of Industrial Activity across England's LEPs

Buckinghamshire LEP

The top 20 sectors by jobs had a total employment of 120,412 in 2008, with a slight growth to 123,494 jobs in 2012. This contrasts with the slight overall reduction in employment across the LEP, from 330,936 (2008) to 327,142 (2012); the top 20 sectors by jobs' share of total LEP employment therefore rose from 36.4% to 37.7%.

A relatively wide mix of activities featured in the top 20 sectors by LQ for Buckinghamshire. In 2008 the top 20 sectors by LQ had a share of around 4.4% of total jobs across the nation for their respective sectors, dropping to 3.7% in 2012. Overall, the top 20 sectors by LQ only contributed some 10.8% to the total number of jobs in the LEP in 2008, down to 9.5% on 2012.

Quite remarkable was the change among the top 20 by LQ from 2008 to 2012. In 2008 the activities of distribution holding companies featured with the highest LQ and 1,848 jobs, dropping completely from the 2012 LQ table (most likely for disclosure reasons with less than 10 sites remaining). Market research and public opinion polling, as the second highest sector in terms of LQ in 2008, only had some 27% of its 2008 jobs remaining in 2012 with an according drop in LQ, and also dropped out of the top 20 sectors by jobs by 2012.

Consumer electronics maintained a relatively high LQ rating, despite halving the number of jobs between 2008 and 2012 – explained by the similar drop in national employment figures for the sector. Whilst financial leasing, as the top sector by LQ in 2012 was not large in terms of overall contribution to jobs in the Buckinghamshire LEP, the second highest sector by LQ, the wholesale of pharmaceutical goods, had grown considerably faster in the LEP than nationally, up to 3,773 jobs. Computer consultancy activities, as the highest contributor to jobs among the top 20 by LQ, grew along with the national trend to 8,809 jobs in 2012, which made it the fifth most important sector in terms of jobs for Buckinghamshire.

Localisation of Industrial Activity across England's LEPs

Table 5.2.1: Top 20 Sectors by LQ 2008 - Buckinghamshire

2008 SIC	Top 20 by LQ		Buckinghamshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
64204	817	12983	11	1848	11.47	Activities of distribution holding companies
73200	3052	64561	85	7185	8.97	Market research and public opinion polling
46370	385	2292	10	193	6.79	Wholesale of coffee, tea, cocoa and spices
94120	2273	22315	44	1426	5.15	Activities of professional membership organisations
46180	3423	16192	63	967	4.81	Agents specialised in the sale of other particular products
26400	710	11596	17	623	4.33	Manufacture of consumer electronics
82110	1118	6192	17	329	4.28	Combined office administrative service activities
46460	2200	56425	68	2984	4.26	Wholesale of pharmaceutical goods
66210	693	11563	16	550	3.83	Risk and damage evaluation
63110	3563	35055	67	1541	3.54	Data processing, hosting and related activities
46520	2841	35066	86	1327	3.05	Wholesale of electronic and telecommunications equipment and parts
59111	2927	11463	70	408	2.87	Motion picture production activities
95110	2139	17931	46	614	2.76	Repair of computers and peripheral equipment
46690	9289	102958	197	3283	2.57	Wholesale of other machinery and equipment
25730	1297	15829	30	494	2.51	Manufacture of tools
62020	55563	232129	1405	7235	2.51	Computer consultancy activities
59112	795	2639	17	82	2.50	Video production activities
85320	2856	135631	38	4172	2.48	Technical and vocational secondary education
46120	863	5792	11	176	2.45	Agents involved in the sale of fuels, ores, metals and industrial chemicals
61100	607	5049	19	152	2.43	Wired telecommunications activities
		803661		35589	4.4%	Top 20 LEP SICs % of GB SIC jobs

Table 5.2.2: Top 20 Sectors by Jobs 2008 - Buckinghamshire

2008 SIC	Top 20 by jobs		Buckinghamshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	34592	953306	292	11812	1.00	Retail sale in non-specialised stores with food, beverages or (...)
86101	5120	1193554	66	10085	0.68	Hospital activities
85200	27278	919909	297	10043	0.88	Primary education
85310	5732	547903	77	7618	1.12	General secondary education
62020	55563	232129	1405	7235	2.51	Computer consultancy activities
73200	3052	64561	85	7185	8.97	Market research and public opinion polling
78200	29767	669737	277	6992	0.84	Temporary employment agency activities
70229	96342	307793	2639	6763	1.77	Management consultancy activities (other than financial management)
64191	15467	412985	209	6428	1.25	Banks
85421	1628	366035	20	5590	1.23	First-degree level higher education
81210	28775	402194	354	5105	1.02	General cleaning of buildings
47710	26202	353894	302	4733	1.08	Retail sale of clothing in specialised stores
85320	2856	135631	38	4172	2.48	Technical and vocational secondary education
56302	48502	391162	506	4108	0.85	Public houses and bars
49410	23658	246603	257	4080	1.33	Freight transport by road
45111	8677	153438	120	3928	2.06	Sale of new cars and light motor vehicles
47190	10290	220975	103	3896	1.42	Other retail sale in non-specialised stores
88990	31875	449586	332	3863	0.69	Other social work activities without accommodation n.e.c.
82990	72283	252302	1067	3410	1.09	Other business support service activities n.e.c.
71129	53114	223349	578	3366	1.21	Other engineering activities (not including [...])

Localisation of Industrial Activity across England's LEPs

Table 5.2.3: Top 20 Sectors by LQ 2012 - Buckinghamshire

2012 SIC	Top 20 by LQ		Buckinghamshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
64910	541	4744	10	353	6.04	Financial leasing
46460	2438	60650	70	3772	5.05	Wholesale of pharmaceutical goods
26400	549	6147	15	311	4.11	Manufacture of consumer electronics
46180	4023	16306	81	809	4.03	Agents specialised in the sale of other particular products
85530	1303	4490	26	217	3.92	Driving school activities
59111	4503	15606	106	736	3.83	Motion picture production activities
94120	1744	24202	36	1106	3.71	Activities of professional membership organisations
66210	915	15032	15	613	3.31	Risk and damage evaluation
62030	278	1287	10	51	3.22	Computer facilities management activities
46439	1831	25071	39	963	3.12	Wholesale of radio and [TV] goods and of electrical household app. (...) n.e.c.
73200	2997	51400	76	1957	3.09	Market research and public opinion polling
46140	1959	9774	36	367	3.05	Agents involved in the sale of machinery, industrial equipment, ships, aircraft
62012	24234	109024	610	3987	2.97	Business and domestic software development
22220	489	21274	17	738	2.82	Manufacture of plastic packing goods
26511	1602	39378	44	1336	2.75	Manufacture of electronic instruments, appliances for measuring, testing, (...)
33170	558	8820	12	297	2.73	Repair and maintenance of other transport equipment
46170	1303	5232	28	170	2.64	Agents involved in the sale of food, beverages and tobacco
62020	67949	273313	1847	8809	2.62	Computer consultancy activities
46690	9984	105517	224	3394	2.61	Wholesale of other machinery and equipment
46520	3211	38840	105	1208	2.52	Wholesale of electronic and telecommunications equipment and parts
		836107		31194	3.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.2.4: Top 20 Sectors by Jobs 2012 - Buckinghamshire

2012 SIC	Top 20 by jobs		Buckinghamshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	25303	1000063	326	13155	1.07	Primary education
47110	38907	1001066	339	11313	0.92	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5649	1265215	30	9709	0.62	Hospital activities
78200	16131	635836	284	9088	1.16	Temporary employment agency activities
62020	67949	273313	1847	8809	2.62	Computer consultancy activities
85310	5585	597877	64	7524	1.02	General secondary education
70229	106896	320672	2924	7280	1.84	Management consultancy activities (other than financial management)
64191	11082	408711	127	5289	1.05	Banks
70100	4831	183422	97	5094	2.25	Activities of head offices
85421	1586	388819	15	4912	1.03	First-degree level higher education
52103	5872	196036	98	4652	1.93	Operation of warehousing and storage facilities for land transport activities
86900	20625	335775	274	4546	1.10	Other human health activities
84110	14113	647996	130	4422	0.55	General public administration activities
47710	24030	356877	310	4296	0.98	Retail sale of clothing in specialised stores
81210	24563	383804	293	4217	0.89	General cleaning of buildings
56302	40012	360425	429	4039	0.91	Public houses and bars
62012	24234	109024	610	3987	2.97	Business and domestic software development
47190	12164	238992	141	3789	1.29	Other retail sale in non-specialised stores
46460	2438	60650	70	3772	5.05	Wholesale of pharmaceutical goods
82990	62198	244480	1020	3601	1.20	Other business support service activities n.e.c.

Localisation of Industrial Activity across England's LEPs

Greater Cambridge and Greater Peterborough LEP

Overall employment in the top 20 sectors by jobs was 221,632 in 2012, down from 223,151 jobs in 2008, contributing 37% of 603,637 total jobs in the LEP for 2008, 36.7% of the 604,146 jobs in 2012.

The top 20 sectors by LQ features a wide array of industries, with the highest concentration in the activities of racehorse owners - however, this sector had relatively few jobs, having dropped from 559 jobs in 2008 to 234 jobs in 2012. The rural nature of the LEP is apparent from the number of sectors in the crop and animal production (SICs starting 01) among the Top 20 by LQ, providing just over a quarter of the 34,587 jobs of the top 20 by LQ.

Overall, just 5.7% (2008) or 6.5% (2012) of jobs in the LEP were among the Top 20 by LQ, relatively less than for other LEPs. One of the biggest employers among the top 20 by LQ was the growing of cereals and similar, with considerable growth between 2008 and 2012 to 4,039 jobs. The largest sector by employment within the top 20 LQs, other research and experimental development on sciences and engineering, declined to 8,659 jobs in 2012, in line with the national trend. It remained the 9th biggest sector in term of employment.

Some notable shifts occurred in the Top 20 by LQ table between 2008 and 2012, with translation and interpretation activities having the second highest LQ in 2012, and 604 jobs, meaning more than every sixth job nationally in this specific area is based in this LEP. Freight air transport has also grown in importance to the LEP; of considerable higher importance in terms of jobs is also the unlicensed carriers sector, with 5,521 jobs in 2012 (and position 16 in the top 20 LQ table). There were few changes in the composition of the top 20 employing sectors between 2008 and 2012.

Localisation of Industrial Activity across England's LEPs

Table 5.3.1: Top 20 Sectors by LQ 2008 – Greater Cambridge and Greater Peterborough

2008 SIC	Top 20 by LQ		Greater Cambridge and Greater Peterborough			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
93191	531	2696	84	559	9.16	Activities of racehorse owners
1160	608	1973	68	264	5.91	Growing of fibre crops
27510	264	16368	11	2072	5.59	Manufacture of electric domestic appliances
1621	559	2811	34	323	5.08	Farm animal boarding and care
1110	8134	29256	862	3287	4.96	Growing of cereals (except rice), leguminous crops and oil seeds
82920	1427	24674	67	2756	4.93	Packaging activities
26512	316	6903	13	716	4.58	Manufacture of electronic industrial process control equipment
10390	316	21525	15	2117	4.34	Other processing and preserving of fruit and vegetables
22220	557	23834	19	2071	3.84	Manufacture of plastic packing goods
28960	1240	16059	38	1354	3.72	Manufacture of plastics and rubber machinery
93199	2079	20699	81	1692	3.61	Other sports activities (not including activities of racehorse owners) n.e.c.
72190	3521	112000	283	9145	3.61	Other research and experimental development on sciences and eng'ing
33120	1796	33818	47	2687	3.51	Repair of machinery
28302	306	3407	18	267	3.46	Manufacture of agricultural and forestry machinery (other than tractors)
1130	6102	33876	553	2608	3.40	Growing of vegetables and melons, roots and tubers
17230	378	4980	14	374	3.32	Manufacture of paper stationery
26400	710	11596	37	870	3.31	Manufacture of consumer electronics
32300	925	7347	38	544	3.27	Manufacture of sports goods
10910	335	7270	16	534	3.24	Manufacture of prepared feeds for farm animals
1190	580	4740	32	347	3.23	Growing of other non-perennial crops
		385832		34587	9.0%	Top 20 LEP SICs % of GB SIC jobs

Table 5.3.2: Top 20 Sectors by Jobs 2008 – Greater Cambridge and Greater Peterborough

2008 SIC	Top 20 by jobs		Greater Cambridge and Greater Peterborough			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	27278	919909	668	26767	1.29	Primary education
86101	5120	1193554	75	26455	0.98	Hospital activities
47110	34592	953306	650	22482	1.04	Retail sale in non-specialised stores with food, beverages or tobacco (...)
56302	48502	391162	1124	17293	1.95	Public houses and bars
85421	1628	366035	221	16004	1.93	First-degree level higher education
78200	29767	669737	363	15670	1.03	Temporary employment agency activities
85310	5732	547903	131	12069	0.97	General secondary education
84110	12364	657299	307	9533	0.64	General public administration activities
72190	3521	112000	283	9145	3.61	Other research and experimental development on natural sciences and eng'ing
88990	31875	449586	670	8171	0.80	Other social work activities without accommodation n.e.c.
70229	96342	307793	2586	7680	1.10	Management consultancy activities (other than financial management)
47710	26202	353894	530	6436	0.80	Retail sale of clothing in specialised stores
86900	13758	279816	243	6166	0.97	Other human health activities
81210	28775	402194	611	6148	0.68	General cleaning of buildings
49410	23658	246603	587	5952	1.07	Freight transport by road
62020	55563	232129	1413	5642	1.07	Computer consultancy activities
78109	20390	226652	217	5555	1.08	Activities of employment placement agencies (other than [...]) n.e.c.
55100	12377	313180	231	5389	0.76	Hotels and similar accommodation
84220	663	75195	24	5350	3.14	Defence activities
47190	10290	220975	240	5244	1.05	Other retail sale in non-specialised stores

Localisation of Industrial Activity across England's LEPs

Table 5.3.3: Top 20 Sectors by LQ 2012 – Greater Cambridge and Greater Peterborough

2012 SIC	Top 20 by LQ		Greater Cambridge and Greater Peterborough			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
27510	199	8477	10	1987	10.30	Manufacture of electric domestic appliances
74300	723	3401	26	604	7.80	Translation and interpretation activities
93191	421	1766	41	234	5.82	Activities of racehorse owners
28302	260	4971	18	601	5.31	Manufacture of agricultural and forestry machinery (other than agric. tractors)
10390	356	20001	19	2373	5.21	Other processing and preserving of fruit and vegetables
82920	1261	26068	69	3052	5.14	Packaging activities
62011	891	7134	23	800	4.93	Ready-made interactive leisure and entertainment software development
28990	514	9085	13	1002	4.85	Manufacture of other special-purpose machinery n.e.c.
1110	9040	40346	928	4039	4.40	Growing of cereals (except rice), leguminous crops and oil seeds
51210	291	2082	11	195	4.12	Freight air transport
26512	269	4288	11	401	4.11	Manufacture of electronic industrial process control equipment
1130	5246	38162	453	3536	4.07	Growing of vegetables and melons, roots and tubers
10910	271	6796	15	627	4.05	Manufacture of prepared feeds for farm animals
10130	663	31593	18	2852	3.97	Production of meat and poultry meat products
72190	3464	98848	270	8659	3.85	Other research and experimental development on natural sciences and eng'ing
26400	549	6147	28	521	3.72	Manufacture of consumer electronics
53202	5386	65561	111	5521	3.70	Unlicensed Carriers
22220	489	21274	15	1765	3.65	Manufacture of plastic packing goods
1190	513	5347	30	420	3.45	Growing of other non-perennial crops
1160	476	2015	49	157	3.42	Growing of fibre crops
		403362		39346	9.8%	Top 20 LEP SICs % of GB SIC jobs

Table 5.3.4: Top 20 Sectors by Jobs 2012 – Greater Cambridge and Greater Peterborough

2012 SIC	Top 20 by jobs		Greater Cambridge and Greater Peterborough			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	66	26571	0.92	Hospital activities
85200	25303	1000063	636	23323	1.02	Primary education
47110	38907	1001066	709	22531	0.99	Retail sale in non-specialised stores with food, beverages or tobacco (...)
78200	16131	635836	354	19540	1.35	Temporary employment agency activities
85421	1586	388819	209	15302	1.73	First-degree level higher education
85310	5585	597877	113	13612	1.00	General secondary education
81210	24563	383804	554	11822	1.35	General cleaning of buildings
84110	14113	647996	433	8858	0.60	General public administration activities
72190	3464	98848	270	8659	3.85	Other research and experimental development on natural sciences and eng'ing
88990	31406	456446	650	7771	0.75	Other social work activities without accommodation n.e.c.
56302	40012	360425	925	7456	0.91	Public houses and bars
86900	20625	335775	386	7278	0.95	Other human health activities
70229	106896	320672	2753	7264	1.00	Management consultancy activities (other than financial management)
62020	67949	273313	1773	6804	1.09	Computer consultancy activities
47710	24030	356877	510	6610	0.81	Retail sale of clothing in specialised stores
47190	12164	238992	272	6104	1.12	Other retail sale in non-specialised stores
56101	29634	326772	582	5996	0.81	Licensed restaurants
53202	5386	65561	111	5521	3.70	Unlicensed Carriers
45200	35631	185758	943	5465	1.29	Maintenance and repair of motor vehicles
49410	21898	189997	550	5145	1.19	Freight transport by road

Localisation of Industrial Activity across England's LEPs

Cheshire and Warrington LEP

The total number of jobs in the Cheshire and Warrington LEP dropped from 480,146 in 2008 to 452,311 in 2012. The top 20 sectors by employment experienced an even greater rate of decline, dropping from 192,048 to 173,970 jobs, that is, their share of total LEP employment dropped from 40.0% to 38.5%.

The top 20 sectors by LQ provided 28.1% of the LEP's jobs in 2008, with a marked decline to 25.2% of total jobs in 2012; 7.9% of national jobs within these sectors were within the LEP in 2008, dropping to 6.1% in 2012, indicating that the key sectors were declining faster than the national trend. Still, a quarter of jobs within the top 20 sectors by LQ remained a considerably larger proportion of jobs than for many other LEPs..

Manufacture of other inorganic basic chemicals had the highest LQ for both 2008 and 2012, with a drop in sites from 15 to 10 but some jobs growth to 1,242 jobs. The other information activities sector dropped completely from the top 20 by LQ, with 3,400 jobs in 2008. Other big employers among the top 20 by LQ included the manufacture of air and spacecraft, as well as of motor vehicles; whilst the latter lost around 800 jobs between 2008 and 2012, the former gained some 300 in the same period. Both sectors were also among the top 20 by employment for the LEP.

Overall, the manufacturing focus of the top 20 by LQ reduced between 2008 and 2012, exemplified by the high ranking and high number of jobs of the retail sale of hardware, paints and glass in specialised stores in 2012, not having been ranked previously in 2008.

Localisation of Industrial Activity across England's LEPs

Table 5.4.1: Top 20 Sectors by LQ 2008 – Cheshire and Warrington

2008 SIC	Top 20 by LQ		Cheshire and Warrington			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
20130	146	5790	15	1184	11.36	Manufacture of other inorganic basic chemicals
63990	5494	22266	90	3400	8.48	Other information service activities n.e.c.
1629	1258	7134	28	704	5.48	Support activities for animal production (other than [...]) n.e.c.
30300	443	61623	10	5837	5.26	Manufacture of air and spacecraft and related machinery
13923	431	9000	10	843	5.20	Manufacture of household textiles (not soft furnishings of 13.92/1)
29100	1179	71454	19	6604	5.13	Manufacture of motor vehicles
71129	53114	223349	9264	18576	4.62	Other engineering activities (not including [...])
20590	591	17223	27	1377	4.44	Manufacture of other chemical products n.e.c.
21200	416	41344	11	2986	4.01	Manufacture of pharmaceutical preparations
82911	451	8808	12	621	3.92	Activities of collection agencies
10910	335	7270	16	498	3.80	Manufacture of prepared feeds for farm animals
13921	1206	13615	20	894	3.65	Manufacture of soft furnishings
85600	1630	5463	93	339	3.45	Educational support activities
28990	849	7353	14	440	3.32	Manufacture of other special-purpose machinery n.e.c.
17120	340	13938	10	802	3.20	Manufacture of paper and paperboard
23630	1016	6747	21	382	3.14	Manufacture of ready-mixed concrete
72190	3521	112000	70	5968	2.96	Other research and experimental development on sciences and eng'ing
36000	931	29400	30	1495	2.82	Water collection, treatment and supply
1420	5649	14731	302	731	2.76	Raising of other cattle and buffaloes
46190	1067	5167	24	255	2.74	Agents involved in the sale of a variety of goods
		683675		53936	7.9%	Top 20 LEP SICs % of GB SIC jobs

Table 5.4.2: Top 20 Sectors by Jobs 2008 – Cheshire and Warrington

2008 SIC	Top 20 by jobs		Cheshire and Warrington			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
78200	29767	669737	3062	18828	1.56	Temporary employment agency activities
71129	53114	223349	9264	18576	4.62	Other engineering activities (not including [...])
86101	5120	1193554	38	17513	0.81	Hospital activities
47110	34592	953306	468	16207	0.94	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	432	13777	0.83	Primary education
70229	96342	307793	3323	11851	2.14	Management consultancy activities (other than financial management)
64191	15467	412985	201	9690	1.30	Banks
56302	48502	391162	897	8780	1.25	Public houses and bars
78109	20390	226652	2450	8771	2.15	Activities of employment placement agencies (other than [...])
85310	5732	547903	77	8579	0.87	General secondary education
47710	26202	353894	494	7988	1.25	Retail sale of clothing in specialised stores
29100	1179	71454	19	6604	5.13	Manufacture of motor vehicles
84110	12364	657299	122	6109	0.52	General public administration activities
72190	3521	112000	70	5968	2.96	Other research and experimental development on sciences and eng'ing
88990	31875	449586	708	5900	0.73	Other social work activities without accommodation n.e.c.
30300	443	61623	10	5837	5.26	Manufacture of air and spacecraft and related machinery
55100	12377	313180	154	5429	0.96	Hotels and similar accommodation
49410	23658	246603	451	5359	1.21	Freight transport by road
85590	17116	203392	302	5293	1.45	Other education n.e.c.
87300	11996	213537	167	4989	1.30	Residential care activities for the elderly and disabled

Localisation of Industrial Activity across England's LEPs

Table 5.4.3: Top 20 Sectors by LQ 2012 – Cheshire and Warrington

2012 SIC	Top 20 by LQ		Cheshire and Warrington			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
20130	135	4488	10	1242	16.24	Manufacture of other inorganic basic chemicals
1629	851	3352	31	682	11.94	Support activities for animal production (other than [...]) n.e.c.
29100	770	60654	17	5793	5.61	Manufacture of motor vehicles
47520	7181	89291	136	7897	5.19	Retail sale of hardware, paints and glass in specialised stores
30300	712	84145	29	6213	4.33	Manufacture of air and spacecraft and related machinery
62011	891	7134	15	486	4.00	Ready-made interactive leisure and entertainment software development
10910	271	6796	10	435	3.76	Manufacture of prepared feeds for farm animals
74203	821	3511	13	222	3.71	Film processing
78300	1379	10056	37	616	3.60	Other human resources provision
20590	555	14308	24	870	3.57	Manufacture of other chemical products n.e.c.
32300	599	5156	20	296	3.37	Manufacture of sports goods
1420	3169	8291	192	421	2.98	Raising of other cattle and buffaloes
72190	3464	98848	64	4983	2.96	Other research and experimental development on sciences and eng'ing
1410	5334	15220	283	753	2.90	Raising of dairy cattle
46341	880	7031	10	331	2.76	Wholesale of fruit and vegetable juices, mineral waters and soft drinks
69202	4753	54214	72	2446	2.65	Bookkeeping activities
46711	650	10853	21	478	2.59	Wholesale of petroleum and petroleum products
80300	544	1538	10	65	2.48	Investigation activities
71129	39542	201539	3280	8423	2.45	Other engineering activities (not including [...])
46310	1992	30591	23	1248	2.39	Wholesale of fruit and vegetables
		717016		43900	6.1%	Top 20 LEP SICs % of GB SIC jobs

Table 5.4.4: Top 20 Sectors by Jobs 2012 – Cheshire and Warrington

2012 SIC	Top 20 by jobs		Cheshire and Warrington			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	75	16488	0.76	Hospital activities
47110	38907	1001066	476	15937	0.93	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	398	15714	0.92	Primary education
78200	16131	635836	1228	14966	1.38	Temporary employment agency activities
64191	11082	408711	165	9624	1.38	Banks
85310	5585	597877	72	8831	0.87	General secondary education
71129	39542	201539	3280	8423	2.45	Other engineering activities (not including [...])
56302	40012	360425	729	8104	1.32	Public houses and bars
84110	14113	647996	181	7944	0.72	General public administration activities
47520	7181	89291	136	7897	5.19	Retail sale of hardware, paints and glass in specialised stores
47710	24030	356877	465	7635	1.26	Retail sale of clothing in specialised stores
70229	106896	320672	2474	7543	1.38	Management consultancy activities (other than financial management) Operation of warehousing and storage facilities for land transport act. of (...)
52103	5872	196036	132	6639	1.99	
30300	712	84145	29	6213	4.33	Manufacture of air and spacecraft and related machinery
29100	770	60654	17	5793	5.61	Manufacture of motor vehicles
88990	31406	456446	484	5468	0.70	Other social work activities without accommodation n.e.c.
55100	12487	317876	169	5313	0.98	Hotels and similar accommodation
62020	67949	273313	1262	5258	1.13	Computer consultancy activities
82990	62198	244480	1459	5197	1.25	Other business support service activities n.e.c.
72190	3464	98848	64	4983	2.96	Other research and experimental development on sciences and eng'ing

Localisation of Industrial Activity across England's LEPs

Coast to Capital LEP

The total number of jobs in the Coast to Capital LEP fell from 793,501 in 2008 to 744,161 in 2012. The top 20 sectors by employment saw a decline of 33,970 jobs during the same period, despite growth in hospital activities and general public administration activities. The share of the top 20 sectors by jobs as part of overall LEP employment dropped from 39.1% to 37.1%.

The share of jobs in the top 20 sectors by LQ fell from 5.4% to 4.3% of total LEP jobs in 2012, comparably lower than many other LEPs. The contribution of Coast to Capital's top 20 sectors by LQ as a national share of jobs fell from 13.1% in 2008, to 10.6% in 2012. The highest ranked sectors by LQ showed considerable shifts between 2008 and 2012. In 2008, 9 of them had more than 1,000 employees, this dropped to 7 in 2012. The biggest, service activities incidental to air transportation reduced jobs by 36% to 5,875. Financial leasing, featuring the highest LQ for 2008, reduced jobs by 1,700, down to 392 in 2012 (despite a small increase in the number of sites). Scheduled and non-scheduled passenger air transport also faced considerable reductions in employment, as did life insurance, window cleaning services and tour operator activities. The manufacture of pumps dropped out completely from the top 20 sectors by LQ.

Nonetheless, scheduled passenger air transport remained one of the top 20 employers in the LEP, and the only sector in both the top LQs and top jobs. Of the top 20 by LQ for both 2008 and 2012, sectors that experienced growth were growing of other non-perennial crops, and the wholesale of musical instruments. However, at 689 and 162 jobs, respectively, they were small in terms of overall LEP employment.

Key sectors which dropped out of the top 20 by jobs between 2008 and 2012 include the activities of employment placement agencies, which had almost 14,000 jobs in 2008; banks which had 11,000 jobs in 2008; and service activities incidental to air transportation at 9,000 jobs. These sectors were replaced, in the top 20, by residential nursing care activities; other residential care activities and other human health activities, at around 8,000 jobs each.

Localisation of Industrial Activity across England's LEPs

Table 5.5.1: Top 20 Sectors by LQ 2008 – Coast to Capital

2008 SIC	Top 20 by LQ		Coast to Capital			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
64910	623	6871	25	2097	10.26	Financial leasing
42910	320	2573	10	566	7.39	Construction of water projects
81221	887	6159	31	1135	6.19	Window cleaning services
28131	271	8760	17	1594	6.12	Manufacture of pumps
52230	1214	50754	96	9180	6.08	Service activities incidental to air transportation
51102	495	11898	38	2034	5.75	Non-scheduled passenger air transport
18202	191	1582	11	228	4.84	Reproduction of video recording
51101	566	69460	50	9262	4.48	Scheduled passenger air transport
46491	154	905	12	116	4.31	Wholesale of musical instruments
77330	412	3909	20	486	4.18	Renting and leasing of office machinery and equipment (incl. comput.)
79120	1721	29478	127	3130	3.57	Tour operator activities
64921	2345	36445	62	3733	3.44	Credit granting by non-deposit taking finance houses and (...)
65110	1712	69073	61	6662	3.24	Life insurance
77291	197	2018	14	185	3.08	Renting and leasing of media entertainment equipment
1190	580	4740	32	425	3.01	Growing of other non-perennial crops
23320	255	7901	18	688	2.93	Manufacture of bricks, tiles and construction products, in baked clay
1300	558	4252	25	346	2.73	Plant propagation
77351	142	347	13	28	2.71	Renting and leasing of passenger air transport equipment
69203	584	2385	19	189	2.66	Tax consultancy
61100	607	5049	24	394	2.62	Wired telecommunications activities
	324559			42478	13.1%	Top 20 LEP SICs % of GB SIC jobs

Table 5.5.2: Top 20 Sectors by Jobs 2008 – Coast to Capital

2008 SIC	Top 20 by jobs		Coast to Capital			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
78200	29767	669737	10088	33074	1.66	Temporary employment agency activities
85200	27278	919909	768	31274	1.14	Primary education
86101	5120	1193554	244	30154	0.85	Hospital activities
47110	34592	953306	926	27323	0.96	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5732	547903	203	20906	1.28	General secondary education
70229	96342	307793	5531	14865	1.62	Management consultancy activities (other than financial management)
82990	72283	252302	6176	14641	1.95	Other business support service activities n.e.c.
81210	28775	402194	1182	13813	1.15	General cleaning of buildings
84110	12364	657299	291	13684	0.70	General public administration activities
78109	20390	226652	7996	13683	2.03	Activities of employment placement agencies (other than [...])
88990	31875	449586	905	11916	0.89	Other social work activities without accommodation n.e.c.
56302	48502	391162	1331	11568	0.99	Public houses and bars
64191	15467	412985	597	10871	0.88	Banks
56101	27324	278602	1070	9808	1.18	Licensed restaurants
47710	26202	353894	763	9764	0.93	Retail sale of clothing in specialised stores
51101	566	69460	50	9262	4.48	Scheduled passenger air transport
52230	1214	50754	96	9180	6.08	Service activities incidental to air transportation
71129	53114	223349	1339	8528	1.28	Other engineering activities (not including [...])
62020	55563	232129	2505	8151	1.18	Computer consultancy activities
87300	11996	213537	537	7947	1.25	Residential care activities for the elderly and disabled

Localisation of Industrial Activity across England's LEPs

Table 5.5.3: Top 20 Sectors by LQ 2012 – Coast to Capital

2012 SIC	Top 20 by LQ		Coast to Capital			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
51102	430	12853	42	2629	7.30	Non-scheduled passenger air transport
46491	156	1093	11	162	5.29	Wholesale of musical instruments
51101	441	57429	28	7881	4.90	Scheduled passenger air transport
52230	958	44027	86	5875	4.76	Service activities incidental to air transportation
1190	513	5347	27	689	4.60	Growing of other non-perennial crops
58141	168	2473	10	284	4.10	Publishing of learned journals
23320	200	4911	19	525	3.81	Manufacture of bricks, tiles and construction products, in baked clay
85530	1303	4490	43	460	3.65	Driving school activities
65110	899	46550	38	4542	3.48	Life insurance
77291	389	2068	23	182	3.14	Renting and leasing of media entertainment equipment
79120	1745	25537	121	2125	2.97	Tour operator activities
64910	541	4744	28	392	2.95	Financial leasing
26400	549	6147	34	499	2.90	Manufacture of consumer electronics
77351	140	474	11	36	2.71	Renting and leasing of passenger air transport equipment
26301	1115	12880	62	955	2.65	Manufacture of telegraph and telephone apparatus and equipment
46370	375	2290	23	168	2.62	Wholesale of coffee, tea, cocoa and spices
1300	445	3906	22	276	2.52	Plant propagation
55201	714	21003	14	1435	2.44	Holiday centres and villages
35130	307	39745	15	2581	2.32	Distribution of electricity
81221	1390	5056	55	319	2.25	Window cleaning services
	303023			32015	10.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.5.4: Top 20 Sectors by Jobs 2012 – Coast to Capital

2012 SIC	Top 20 by jobs		Coast to Capital			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	229	32774	0.92	Hospital activities
47110	38907	1001066	1118	29611	1.06	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	673	29142	1.04	Primary education
85310	5585	597877	173	19878	1.19	General secondary education
78200	16131	635836	577	16294	0.91	Temporary employment agency activities
84110	14113	647996	320	15340	0.84	General public administration activities
70229	106896	320672	4944	12170	1.35	Management consultancy activities (other than financial management)
56302	40012	360425	1194	11741	1.16	Public houses and bars
81210	24563	383804	995	11204	1.04	General cleaning of buildings
88990	31406	456446	999	10914	0.85	Other social work activities without accommodation n.e.c.
56101	29634	326772	1109	10731	1.17	Licensed restaurants
47710	24030	356877	707	9571	0.96	Retail sale of clothing in specialised stores
71129	39542	201539	1258	9124	1.62	Other engineering activities (not including [...])
87300	12381	228250	523	9031	1.41	Residential care activities for the elderly and disabled
62020	67949	273313	3250	8941	1.17	Computer consultancy activities
87100	4704	204756	210	8732	1.52	Residential nursing care activities
51101	441	57429	28	7881	4.90	Scheduled passenger air transport
87900	11619	212267	486	7815	1.31	Other residential care activities
82990	62198	244480	2470	7803	1.14	Other business support service activities n.e.c.
86900	20625	335775	712	7745	0.82	Other human health activities

Localisation of Industrial Activity across England's LEPs

Cornwall and the Isles of Scilly LEP

Overall employment remained largely unchanged in the LEP between 2008 and 2012, with a total of 192,181 and 191,953 jobs respectively. In 2008 40% of jobs (76,734) were within the 20 largest sectors by employment in the LEP, this increased to 41.3% (79,240) in 2012.

Both the top 20 sectors by employment and by LQ underpin Cornwall's agricultural and leisure profile, with the top employers including 6,329 jobs in the hotels and similar accommodations sector in 2012, up from 5,900 jobs in 2008; and a significantly stronger contribution by public houses and bars as well as licensed restaurants to jobs than in other LEPs. The largest employing sector, retail sale in non-specialised stores with food, beverages or tobacco, grew by 9.2% to 10,860 jobs in 2012, whilst hospital activities as the second largest employer shrunk by 13.3% to 8,257 jobs in 2012. The top 20 sectors by LQ have seen some changes to their ranking between 2008 and 2012, with the repair and maintenance of ships and boats having a LQ of 16.86 in 2012 (not listed in 2008 LQ table), operation of gravel and sand pits and the mining of clays and kaolin having a LQ of 13.58 which, despite job losses, increased due to an even more rapid decline in jobs nationally.

Of the total number of jobs in the LEP in 2012, 7.1% were in one of the top 20 sectors by LQ, with plenty of relatively small sectors represented in the list. This figure is up from 6.5% in 2008, indicating some solid jobs growth, most notably 650 additional jobs for camping grounds, recreational vehicle parks and trailer parks, with manufacture of rusks and biscuits, manufacture of preserved pastry good and cakes as well as production of meat and poultry meat products also having increases. None of the top 20 by LQ sectors featured in the list of top 20 by employment for the LEP.

Localisation of Industrial Activity across England's LEPs

Table 5.6.1: Top 20 Sectors by LQ 2008 – Cornwall and the Isles of Scilly

2008 SIC	Top 20 by LQ		Cornwall and the Isles of Scilly			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
91012	102	2038	34	250	17.02	Archive activities
30120	559	5258	34	483	12.75	Building of pleasure and sporting boats
8120	873	11776	34	927	10.92	Operation of gravel and sand pits; mining of clays and kaolin
55209	1754	7687	106	584	10.54	Other holiday and other short-stay accommodation (not incl. [...]) n.e.c.
91040	556	12731	16	832	9.07	Botanical and zoological gardens and nature reserve activities
3110	1463	3905	76	216	7.68	Marine fishing
55300	2051	19376	99	1053	7.54	Camping grounds, recreational vehicle parks and trailer parks
55201	761	22433	74	1135	7.02	Holiday centres and villages
30110	466	11469	20	572	6.92	Building of ships and floating structures
55900	947	5224	33	253	6.72	Other accommodation
10720	372	29001	11	1350	6.46	Manufacture of rusks and biscuits; manufacture of pres'd pastry goods, (...)
1410	3770	9302	179	393	5.86	Raising of dairy cattle
46210	1103	9274	24	391	5.85	Wholesale of grain, unmanufactured tobacco, seeds and animal feeds
1450	3903	11461	116	447	5.41	Raising of sheep and goats
91030	1290	17655	38	686	5.39	Operation of historical sites and buildings and similar visitor attractions
1420	5649	14731	249	571	5.38	Raising of other cattle and buffaloes
1300	558	4252	26	158	5.16	Plant propagation
10130	725	45263	12	1621	4.97	Production of meat and poultry meat products
2100	1370	7750	12	214	3.83	Silviculture and other forestry activities
43120	1816	13175	21	354	3.73	Site preparation
		263761		12490	4.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.6.2: Top 20 Sectors by Jobs 2008 – Cornwall and the Isles of Scilly

2008 SIC	Top 20 by jobs		Cornwall and the Isles of Scilly			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	34592	953306	365	9944	1.45	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5120	1193554	67	9522	1.11	Hospital activities
85200	27278	919909	285	6850	1.03	Primary education
55100	12377	313180	365	5900	2.61	Hotels and similar accommodation
88990	31875	449586	374	5305	1.64	Other social work activities without accommodation n.e.c.
56302	48502	391162	647	4784	1.70	Public houses and bars
84110	12364	657299	366	4367	0.92	General public administration activities
85320	2856	135631	34	2985	3.05	Technical and vocational secondary education
85310	5732	547903	50	2825	0.72	General secondary education
42990	18535	208438	254	2788	1.86	Construction of other civil engineering projects n.e.c.
87300	11996	213537	133	2773	1.80	Residential care activities for the elderly and disabled
56101	27324	278602	384	2737	1.36	Licensed restaurants
96090	37146	137173	300	2301	2.33	Other personal service activities n.e.c.
85410	1580	117027	22	2070	2.45	Post-secondary non-tertiary education
86210	17011	175600	171	2024	1.60	General medical practice activities
85590	17116	203392	177	2009	1.37	Other education n.e.c.
47710	26202	353894	241	1995	0.78	Retail sale of clothing in specialised stores
41202	24979	214682	366	1860	1.20	Construction of domestic buildings
47190	10290	220975	136	1854	1.16	Other retail sale in non-specialised stores
49319	2141	112415	92	1841	2.27	Urban, suburban or metropolitan area pas. land transp. not railway (...)

Localisation of Industrial Activity across England's LEPs

Table 5.6.3: Top 20 Sectors by LQ 2012 – Cornwall and the Isles of Scilly

2012 SIC	Top 20 by LQ		Cornwall and the Isles of Scilly			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
33150	442	4962	17	605	16.86	Repair and maintenance of ships and boats
8120	708	7870	26	773	13.58	Operation of gravel and sand pits; mining of clays and kaolin
55209	2170	10211	155	872	11.81	Other holiday and other short-stay accommodation (not incl. [...]) n.e.c.
55300	2257	26519	114	1703	8.88	Camping grounds, recreational vehicle parks and trailer parks
10720	265	24866	10	1584	8.81	Manufacture of rusks and biscuits; manufacture of pres'd pastry goods, cakes
91012	156	3004	33	190	8.75	Archive activities
30120	539	8569	33	523	8.44	Building of pleasure and sporting boats
47741	569	2106	11	115	7.55	Retail sale of hearing aids in specialised stores
10130	663	31593	33	1717	7.52	Production of meat and poultry meat products
91040	699	18140	21	977	7.45	Botanical and zoological gardens and nature reserve activities
1420	3169	8291	155	431	7.19	Raising of other cattle and buffaloes
3110	1480	3774	73	177	6.49	Marine fishing
1410	5334	15220	220	656	5.96	Raising of dairy cattle
46320	2080	21050	17	879	5.78	Wholesale of meat and meat products
10110	349	16899	10	705	5.77	Processing and preserving of meat
55900	808	6339	20	252	5.50	Other accommodation
1300	445	3906	18	143	5.06	Plant propagation
55201	714	21003	60	748	4.93	Holiday centres and villages
16290	1019	6003	23	211	4.86	Manufacture of other products of wood; [also] of cork, straw, plaiting materials
91030	802	11225	21	380	4.68	Operation of historical sites and buildings and similar visitor attractions
		251550		13641	5.4%	Top 20 LEP SICs % of GB SIC jobs

Table 5.6.4: Top 20 Sectors by Jobs 2012 – Cornwall and the Isles of Scilly

2012 SIC	Top 20 by jobs		Cornwall and the Isles of Scilly			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	38907	1001066	382	10860	1.50	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5649	1265215	72	8257	0.90	Hospital activities
85200	25303	1000063	267	7954	1.10	Primary education
55100	12487	317876	352	6329	2.75	Hotels and similar accommodation
85310	5585	597877	44	5404	1.25	General secondary education
56302	40012	360425	547	4594	1.76	Public houses and bars
88990	31406	456446	334	4241	1.29	Other social work activities without accommodation n.e.c.
85320	3376	190122	28	3954	2.88	Technical and vocational secondary education
56101	29634	326772	405	3654	1.55	Licensed restaurants
87300	12381	228250	111	3380	2.05	Residential care activities for the elderly and disabled
84110	14113	647996	277	2878	0.61	General public administration activities
47710	24030	356877	250	2305	0.89	Retail sale of clothing in specialised stores
78200	16131	635836	65	2302	0.50	Temporary employment agency activities
47190	12164	238992	131	1914	1.11	Other retail sale in non-specialised stores
87900	11619	212267	128	1911	1.25	Other residential care activities
45200	35631	185758	381	1910	1.42	Maintenance and repair of motor vehicles
56102	18097	203512	254	1890	1.28	Unlicensed restaurants and cafes
88100	11195	244977	145	1882	1.06	Social work activities without accommodation for the elderly and disabled
86900	20625	335775	167	1837	0.76	Other human health activities
41202	28148	207297	396	1784	1.19	Construction of domestic buildings

Localisation of Industrial Activity across England's LEPs

Coventry and Warwickshire LEP

Coventry and Warwickshire LEP experienced a growth in jobs from 389,806 jobs in 2008 to 397,988 jobs in 2012, up 2.1%. The top 20 sectors by employment contributed 37.4% of these jobs in 2008, up to 38.4% in 2012. Remarkable is the recorded growth in primary education jobs between the years, an increase of 39.9% to 16,661 jobs in 2012, and the even greater growth in jobs associated with hospital activities, up 54.1% to 15,332 jobs in 2012. Whilst it is not unusual for these public sector activities to be among the most important employers, these observed rates of growth stand out.

The top 20 by LQ sectors contributed some 10.9% of jobs in 2008, down to 7.3% in 2012; national employment in these sectors fell by 34.6% over the same period, compared to 32.0% for the LEP. In the light of the overall increase in LEP jobs, this indicates an increasingly diversified business population. Interestingly, despite the declining importance of the top 20 sectors by LQ within the LEP, their share of jobs nationally within the respective sectors increased to 6.2%.

Manufacture of gas stands out with by far the biggest LQ in the LEP, 14.52 in 2012; the number of jobs in the sector increased by 23.3% to 1,302 in 2012 despite a national drop in jobs. More than every fifth national job in gas manufacture is found in this LEP. Most other sectors among the top 20 by LQ are within manufacturing and wholesale. Despite the aforementioned decline of jobs among the top 20 by LQ, some sectors (other than the manufacture of gas) saw growth; unlicensed carriers increased their employment from 2,818 to 3,010 jobs, engineering design activities for industrial process and production; and wholesale of machine tools also saw slight increases.

One of the largest employing sectors in 2008 which dropped out of the top 20 by jobs by 2012 was other human health activities which had around 7,000 employees; the manufacture of other parts for motor vehicles, and banks also dropped out, each with around 5,000 jobs in 2008. These were replaced by social work activities, management consultancy and computer consultancy, with around 5,000 jobs in each sector in 2012.

Localisation of Industrial Activity across England's LEPs

Table 5.7.1: Top 20 Sectors by LQ 2008 – Coventry and Warwickshire

2008 SIC	Top 20 by LQ		Coventry and Warwickshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
35210	180	6288	23	1056	11.49	Manufacture of gas
64204	817	12983	18	1249	6.58	Activities of distribution holding companies
29100	1179	71454	43	6599	6.32	Manufacture of motor vehicles
71121	5751	37325	125	3064	5.62	Engineering design activities for industrial process and production
25720	565	9824	10	696	4.85	Manufacture of locks and hinges
29320	1544	72965	72	4970	4.66	Manufacture of other parts and accessories for motor vehicles
28410	385	5008	27	341	4.66	Manufacture of metal forming machinery
46620	900	6636	43	430	4.43	Wholesale of machine tools
73200	3052	64561	42	3868	4.10	Market research and public opinion polling
46719	997	7486	12	435	3.98	Wholesale of fuels and related products (other than petroleum and petro. prod.)
94120	2273	22315	38	1262	3.87	Activities of professional membership organisations
26301	1384	23467	23	1324	3.86	Manufacture of telegraph and telephone apparatus and equipment
46610	1438	14315	31	798	3.81	Wholesale of agricultural machinery, equipment and supplies
85100	2866	52767	111	2818	3.65	Pre-primary education
46740	5460	53074	141	2568	3.31	Wholesale of hardware, plumbing and heating equipment and supplies
28490	590	5127	24	243	3.24	Manufacture of other machine tools
53202	5407	63924	126	2882	3.08	Unlicensed Carriers
52103	5366	138029	86	5986	2.97	Operation of warehousing and storage facilities for land transport act. of (...)
77110	3631	33200	62	1409	2.90	Renting and leasing of cars and light motor vehicles
25730	1297	15829	48	659	2.85	Manufacture of tools
		716577		42657	6.0%	Top 20 LEP SICs % of GB SIC jobs

Table 5.7.2 Top 20 Sectors by Jobs 2008 – Coventry and Warwickshire

2008 SIC	Top 20 by jobs		Coventry and Warwickshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	34592	953306	432	12735	0.91	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	503	11913	0.89	Primary education
78200	29767	669737	280	10864	1.11	Temporary employment agency activities
85310	5732	547903	130	10565	1.32	General secondary education
86101	5120	1193554	31	9947	0.57	Hospital activities
49410	23658	246603	655	7957	2.21	Freight transport by road
84110	12364	657299	116	7827	0.81	General public administration activities
86900	13758	279816	255	7363	1.80	Other human health activities
85421	1628	366035	12	6912	1.29	First-degree level higher education
29100	1179	71454	43	6599	6.32	Manufacture of motor vehicles
81210	28775	402194	487	6182	1.05	General cleaning of buildings
52103	5366	138029	86	5986	2.97	Operation of warehousing and storage facilities for land transport act. of (...)
56302	48502	391162	730	5793	1.01	Public houses and bars
88990	31875	449586	382	5765	0.88	Other social work activities without accommodation n.e.c.
85590	17116	203392	291	5005	1.68	Other education n.e.c.
55100	12377	313180	182	4978	1.09	Hotels and similar accommodation
29320	1544	72965	72	4970	4.66	Manufacture of other parts and accessories for motor vehicles
47710	26202	353894	357	4953	0.96	Retail sale of clothing in specialised stores
64191	15467	412985	134	4845	0.80	Banks
85320	2856	135631	53	4588	2.31	Technical and vocational secondary education

Localisation of Industrial Activity across England's LEPs

Table 5.7.3: Top 20 Sectors by LQ 2012 – Coventry and Warwickshire

2012 SIC	Top 20 by LQ		Coventry and Warwickshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
35210	132	5982	10	1302	14.52	Manufacture of gas
28490	524	4550	30	431	6.32	Manufacture of other machine tools
29100	770	60654	23	5598	6.16	Manufacture of motor vehicles
29320	1124	43762	58	3354	5.11	Manufacture of other parts and accessories for motor vehicles
71121	7822	43940	228	3207	4.87	Engineering design activities for industrial process and production
28110	211	18784	11	1304	4.63	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
46620	1002	7740	45	528	4.55	Wholesale of machine tools
28410	339	5087	29	326	4.27	Manufacture of metal forming machinery
23630	847	4950	13	313	4.22	Manufacture of ready-mixed concrete
25500	759	18305	26	1040	3.79	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
73200	2997	51400	40	2861	3.71	Market research and public opinion polling
46719	979	7818	14	419	3.57	Wholesale of fuels and related products (other than petroleum and petro. prod.)
46610	1508	14779	30	732	3.30	Wholesale of agricultural machinery, equipment and supplies
53202	5386	65561	127	3010	3.06	Unlicensed Carriers
82301	1642	8973	45	409	3.04	Activities of exhibition and fair organizers
47781	1116	4318	13	190	2.94	Retail sale in commercial art galleries
64192	1960	34885	43	1516	2.90	Building societies
95210	674	3097	14	133	2.86	Repair of consumer electronics
46470	2037	16219	27	651	2.68	Wholesale of furniture, carpets and lighting equipment
46740	5382	47882	162	1700	2.37	Wholesale of hardware, plumbing and heating equipment and supplies
		468686		29024	6.2%	Top 20 LEP SICs % of GB SIC jobs

Table 5.7.4: Top 20 Sectors by Jobs 2012 – Coventry and Warwickshire

2012 SIC	Top 20 by jobs		Coventry and Warwickshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	25303	1000063	338	16661	1.11	Primary education
86101	5649	1265215	82	15332	0.81	Hospital activities
47110	38907	1001066	532	13203	0.88	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5585	597877	79	10205	1.14	General secondary education
84110	14113	647996	277	10154	1.05	General public administration activities
78200	16131	635836	230	9987	1.05	Temporary employment agency activities
85421	1586	388819	12	7996	1.37	First-degree level higher education
52103	5872	196036	118	6923	2.36	Operation of warehousing and storage facilities for land transport act. of (...)
81210	24563	383804	322	6250	1.09	General cleaning of buildings
85320	3376	190122	61	6054	2.12	Technical and vocational secondary education
29100	770	60654	23	5598	6.16	Manufacture of motor vehicles
56302	40012	360425	610	5472	1.01	Public houses and bars
49410	21898	189997	634	5402	1.90	Freight transport by road
85590	18126	202609	284	5302	1.75	Other education n.e.c.
88100	11195	244977	126	4894	1.33	Social work activities without accommodation for the elderly and disabled
70229	106896	320672	1773	4869	1.01	Management consultancy activities (other than financial management)
55100	12487	317876	159	4837	1.02	Hotels and similar accommodation
47710	24030	356877	314	4830	0.90	Retail sale of clothing in specialised stores
88990	31406	456446	369	4684	0.68	Other social work activities without accommodation n.e.c.
62020	67949	273313	1062	4060	0.99	Computer consultancy activities

Localisation of Industrial Activity across England's LEPs

Cumbria LEP

Cumbria LEP experienced a slight job growth to 214,439 jobs, up from 212,757 in 2008. Its top 20 sectors by employment provided 34.4% (2008) and 35.9% (2012) of total jobs, having grown faster than the other sectors.

The top 20 sectors by LQ make a comparably (relative to other LEPs) low contribution to overall jobs, 5.4% in 2008 down to 5.2% in 2012, pointing to a fairly diverse distribution of jobs across sectors. The top 20 sectors by LQ's overall share of employment within their respective sectors was 3.7% in 2008 and 4.0% in 2012.

Of the top five sectors by LQ four saw an increase in employment between 2008 and 2012, only holiday centres and villages reduced their jobs, from 1,553 to 1,389. Only four of the top 20 by LQ sectors had more than 1,000 employees for both 2008 and for 2012, for the latter this list was comprised of raising of dairy cattle (up 55% from 2008), holiday centres and villages (as aforementioned), raising of sheep and goats (up 91.9%), and regulation of and contribution to more efficient operation of businesses (up 15.3%). Whilst there are notable changes to employment of individual sectors, overall, there is relatively little change in the composition of the top 20 sectors by LQ in terms of overarching areas of industrial activity – a focus on leisure and agricultural activities.

Given the relatively small contribution of the top 20 sectors by LQ, none of these sectors featured within the top 20 by employment for the Cumbria LEP. The largest new sector to appear in the 2012 top 20 by jobs list was that of other human health activities, with 3,500 jobs in 2012.

Localisation of Industrial Activity across England's LEPs

Table 5.8.1: Top 20 Sectors by LQ 2008 - Cumbria

2008 SIC	Top 20 by LQ		Cumbria			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
46230	326	2030	15	208	12.84	Wholesale of live animals
1410	3770	9302	313	658	8.87	Raising of dairy cattle
55201	761	22433	30	1553	8.68	Holiday centres and villages
1420	5649	14731	419	868	7.39	Raising of other cattle and buffaloes
55202	349	3031	31	162	6.70	Youth hostels
55209	1754	7687	84	399	6.51	Other holiday and other short-stay accommodation (not incl. [...]) n.e.c.
16100	662	8944	17	425	5.96	Sawmilling and planing of wood
1450	3903	11461	212	521	5.70	Raising of sheep and goats
1430	8795	24673	546	1080	5.49	Raising of horses and other equines
46110	487	3070	16	122	4.98	Agents involved in the sale of agric. raw materials, live animals, textile (...)
23700	1096	7015	22	260	4.65	Cutting, shaping and finishing of stone
79909	1304	11920	32	424	4.46	Other reservation service activities (not including activities of tourist guides)
46610	1438	14315	30	407	3.56	Wholesale of agricultural machinery, equipment and supplies
55300	2051	19376	80	531	3.43	Camping grounds, recreational vehicle parks and trailer parks
10130	725	45263	12	1180	3.27	Production of meat and poultry meat products
56290	2749	22647	157	588	3.25	Other food service activities
91030	1290	17655	51	450	3.19	Operation of historical sites and buildings and similar visitor attractions
10910	335	7270	10	185	3.19	Manufacture of prepared feeds for farm animals
2100	1370	7750	33	191	3.09	Silviculture and other forestry activities
84130	2002	50694	25	1206	2.98	Regulation of and contribution to more efficient operation of businesses
		311267		11418	3.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.8.2: Top 20 Sectors by Jobs 2008 – Cumbria

2008 SIC	Top 20 by jobs		Cumbria			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	34	9274	0.97	Hospital activities
47110	34592	953306	324	8097	1.06	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	321	6864	0.94	Primary education
55100	12377	313180	387	6445	2.58	Hotels and similar accommodation
85310	5732	547903	57	5119	1.17	General secondary education
56302	48502	391162	624	3866	1.24	Public houses and bars
47710	26202	353894	320	3553	1.26	Retail sale of clothing in specialised stores
49410	23658	246603	341	3290	1.67	Freight transport by road
87900	12010	216666	138	2904	1.68	Other residential care activities
88990	31875	449586	272	2661	0.74	Other social work activities without accommodation n.e.c.
42990	18535	208438	235	2551	1.53	Construction of other civil engineering projects n.e.c.
56101	27324	278602	324	2550	1.15	Licensed restaurants
41202	24979	214682	326	2263	1.32	Construction of domestic buildings
45200	31381	173433	369	2234	1.61	Maintenance and repair of motor vehicles
84240	3018	274005	27	2205	1.01	Public order and safety activities
47190	10290	220975	126	1953	1.11	Other retail sale in non-specialised stores
56102	16487	174800	194	1911	1.37	Unlicensed restaurants and cafes
85590	17116	203392	185	1867	1.15	Other education n.e.c.
87300	11996	213537	124	1859	1.09	Residential care activities for the elderly and disabled
71129	53114	223349	616	1751	0.98	Other engineering activities (not including [...])

Localisation of Industrial Activity across England's LEPs

Table 5.8.3: Top 20 Sectors by LQ 2012 - Cumbria

2012 SIC	Top 20 by LQ		Cumbria			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
1420	3169	8291	269	618	9.23	Raising of other cattle and buffaloes
55202	290	2415	27	178	9.12	Youth hostels
1410	5334	15220	336	1020	8.30	Raising of dairy cattle
16100	527	7566	19	507	8.30	Sawmilling and planing of wood
55201	714	21003	26	1389	8.19	Holiday centres and villages
1430	5447	12823	471	786	7.59	Raising of horses and other equines
46110	490	3587	17	200	6.90	Agents involved in the sale of agric. raw materials, live animals, textile (...)
55209	2170	10211	116	487	5.90	Other holiday and other short-stay accommodation (not incl. [...]) n.e.c.
1450	7802	23262	356	1000	5.32	Raising of sheep and goats
32300	599	5156	11	218	5.23	Manufacture of sports goods
8120	708	7870	21	320	5.03	Operation of gravel and sand pits; mining of clays and kaolin Other reservation service activities (not including activities of tourist guides)
79909	1213	10910	26	358	4.06	
26110	585	14700	14	480	4.04	Manufacture of electronic components
23700	1124	6854	22	218	3.94	Cutting, shaping and finishing of stone
1460	759	3656	11	116	3.93	Raising of swine/pigs
91040	699	18140	18	539	3.68	Botanical and zoological gardens and nature reserve activities
55300	2257	26519	95	759	3.54	Camping grounds, recreational vehicle parks and trailer parks
46610	1508	14779	29	390	3.27	Wholesale of agricultural machinery, equipment and supplies
84130	636	56356	12	1390	3.05	Regulation of and contribution to more efficient operation of businesses
1610	1374	7271	46	178	3.03	Support activities for crop production
			276589	11151	4.0%	Top 20 LEP SICs % of GB SIC jobs

Table 5.8.2: Top 20 Sectors by Jobs 2012 – Cumbria

2012 SIC	Top 20 by jobs		Cumbria			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	38907	1001066	340	8824	1.09	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	279	7136	0.88	Primary education
55100	12487	317876	399	6902	2.69	Hotels and similar accommodation
86101	5649	1265215	29	6708	0.66	Hospital activities
85310	5585	597877	47	5363	1.11	General secondary education
56302	40012	360425	533	3929	1.35	Public houses and bars
86900	20625	335775	191	3500	1.29	Other human health activities
88990	31406	456446	252	3294	0.89	Other social work activities without accommodation n.e.c.
49410	21898	189997	274	3252	2.12	Freight transport by road
84110	14113	647996	188	2936	0.56	General public administration activities
56101	29634	326772	305	2908	1.10	Licensed restaurants
85590	18126	202609	223	2892	1.77	Other education n.e.c.
88100	11195	244977	111	2676	1.35	Social work activities without accommodation for the elderly and disabled
47710	24030	356877	273	2652	0.92	Retail sale of clothing in specialised stores
42990	14514	139221	192	2478	2.20	Construction of other civil engineering projects n.e.c.
87300	12381	228250	129	2454	1.33	Residential care activities for the elderly and disabled
87900	11619	212267	113	2444	1.43	Other residential care activities
47190	12164	238992	141	2338	1.21	Other retail sale in non-specialised stores
56102	18097	203512	213	2184	1.33	Unlicensed restaurants and cafes
45200	35631	185758	402	2180	1.45	Maintenance and repair of motor vehicles

Localisation of Industrial Activity across England's LEPs

Derby, Derbyshire, Nottingham and Nottinghamshire LEP

Derby, Derbyshire, Nottingham and Nottinghamshire LEP had a total of 857,963 jobs in 2008, and 854,092 in 2012, down 0.5%. At the same time, the total number of jobs within the top 20 sectors by employment increased from 318,596 to 339,624 jobs, an increase of 6.6%, increasing the overall share of the top 20 sectors' jobs from 37.1% to 39.8%.

The composition of sectors within the top 20 by employment largely reflects those of other LEPs, with the exceptions of the large contribution by the manufacture of air and spacecraft and related machinery (10,685 jobs in 2012, down from 12,053 in 2008), and in 2012 the 11,368 jobs in dispensing chemist in specialist stores.

The top 20 sectors by LQ put the focus on manufacturing activities, however, somewhat less stark in 2012 than in 2008, with some change apparent between the years. Manufacture of knitted and crocheted fabrics had the highest LQ in 2008, the number of jobs dropped from 766 to 418 in 2012 despite a strong national employment increase in the sector, which resulted in a drop in its LQ. Manufacture of women's underwear had the highest LQ in 2012, having grown slightly in terms of jobs to 512, despite a national decline in the industry. Post-graduate higher level education disappeared entirely from the list in 2012, having previously been ranked second in 2008, and casting of iron lost more than two thirds of jobs but remained in the top 10 by LQ.

In terms of overall contribution to jobs, the top 20 by LQ increased their share from 4.7% to 5.7% however, at the same time dropping from 18.7% to 12.8% in terms of their share of jobs nationally. This can be explained by the high number of jobs in new entrants to the list of top 20 by LQ in 2012, that is, the 11,368 jobs in dispensing chemist and specialist stores jobs as well as the 4,104 jobs in data processing, hosting and related activities and the 4,600 jobs in the distribution of electricity.

New additions to the list of top 20 sectors by jobs included first degree higher level education, with 12,000 jobs; the aforementioned 11,000 jobs in dispensing chemists and 9,000 jobs in other retail in non-specialised

Localisation of Industrial Activity across England's LEPs

stores. The two largest sectors which dropped out of the 2008 list include construction of other civil engineering projects, with 10,000 jobs, and electrical installation at 8,000 jobs.

Localisation of Industrial Activity across England's LEPs

Table 5.9.1: Top 20 Sectors by LQ 2008 - Derby, Derbyshire, Nottingham and Nottinghamshire

2008 SIC	Top 20 by LQ		Derby, Derbyshire, Nottingham and Nottinghamshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
13910	113	1797	16	766	13.25	Manufacture of knitted and crocheted fabrics
85422	494	15135	24	6131	12.59	Post-graduate level higher education
24510	169	6737	12	1893	8.73	Casting of iron
32409	510	4788	22	1285	8.34	Manufacture of games and toys (other than professional [...] toys) n.e.c.
14142	153	1924	21	485	7.84	Manufacture of women's underwear
23200	165	4159	16	1046	7.82	Manufacture of refractory products
28110	255	6696	12	1508	7.00	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
30300	443	61623	23	12053	6.08	Manufacture of air and spacecraft and related machinery
14390	232	4738	19	717	4.70	Manufacture of other knitted and crocheted apparel
13921	1206	13615	63	2009	4.59	Manufacture of soft furnishings
23610	780	20271	51	2967	4.55	Manufacture of concrete products for construction purposes
10890	830	33922	34	4837	4.43	Manufacture of other food products n.e.c.
23410	270	7202	14	875	3.78	Manufacture of ceramic household and ornamental articles
25290	190	4792	15	560	3.63	Manufacture of other tanks, reservoirs and containers of metal
55202	349	3031	22	354	3.63	Youth hostels
23630	1016	6747	41	762	3.51	Manufacture of ready-mixed concrete
13960	177	2360	22	262	3.45	Manufacture of other technical and industrial textiles
13990	421	5164	33	541	3.26	Manufacture of other textiles n.e.c.
23990	228	6086	21	632	3.23	Manufacture of other non-metallic mineral products n.e.c.
96040	411	2786	27	275	3.07	Physical well-being activities
		213573		39958	18.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.9.2: Top 20 Sectors by Jobs 2008 – Derby, Derbyshire, Nottingham and Nottinghamshire

2008 SIC	Top 20 by jobs		Derby, Derbyshire, Nottingham and Nottinghamshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	163	41412	1.08	Hospital activities
85200	27278	919909	1306	34880	1.18	Primary education
47110	34592	953306	1142	30243	0.99	Retail sale in non-specialised stores with food, beverages or tobacco (...)
78200	29767	669737	426	29462	1.37	Temporary employment agency activities
84110	12364	657299	662	21449	1.01	General public administration activities
85310	5732	547903	217	20647	1.17	General secondary education
88990	31875	449586	1279	19885	1.37	Other social work activities without accommodation n.e.c.
56302	48502	391162	2166	16183	1.29	Public houses and bars
30300	443	61623	23	12053	6.08	Manufacture of air and spacecraft and related machinery
42990	18535	208438	611	9818	1.46	Construction of other civil engineering projects n.e.c.
86900	13758	279816	503	9726	1.08	Other human health activities
49410	23658	246603	951	9717	1.22	Freight transport by road
47710	26202	353894	733	9100	0.80	Retail sale of clothing in specialised stores
43210	32719	203969	1305	8465	1.29	Electrical installation
84240	3018	274005	115	7898	0.90	Public order and safety activities
85590	17116	203392	612	7787	1.19	Other education n.e.c.
41202	24979	214682	860	7732	1.12	Construction of domestic buildings
87900	12010	216666	330	7589	1.09	Other residential care activities
84120	4337	184227	236	7478	1.26	Regulation of the activities of providing health care, education, (...)
81210	28775	402194	590	7072	0.55	General cleaning of buildings

Localisation of Industrial Activity across England's LEPs

Table 5.9.3: Top 20 Sectors by LQ 2012 – Derby, Derbyshire, Nottingham and Nottinghamshire

2012 SIC	Top 20 by LQ		Derby, Derbyshire, Nottingham and Nottinghamshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
14142	116	1415	14	512	11.25	Manufacture of women's underwear
32409	354	2650	18	739	8.67	Manufacture of games and toys (other than professional [...] toys) n.e.c.
23200	110	2413	14	652	8.40	Manufacture of refractory products
55202	290	2415	15	404	5.20	Youth hostels
13960	169	3615	15	561	4.82	Manufacture of other technical and industrial textiles
10821	190	11342	11	1740	4.77	Manufacture of cocoa, and chocolate confectionery
23410	198	4733	10	722	4.74	Manufacture of ceramic household and ornamental articles
10890	690	26434	23	4022	4.73	Manufacture of other food products n.e.c.
25290	172	4011	16	535	4.15	Manufacture of other tanks, reservoirs and containers of metal
24510	136	4381	12	566	4.02	Casting of iron
14390	189	3237	14	418	4.01	Manufacture of other knitted and crocheted apparel
13921	1238	12535	57	1607	3.98	Manufacture of soft furnishings
23990	212	5930	23	756	3.96	Manufacture of other non-metallic mineral products n.e.c.
30300	712	84145	30	10685	3.95	Manufacture of air and spacecraft and related machinery
47730	10449	89637	347	11368	3.94	Dispensing chemist in specialised stores
35130	307	39745	12	4600	3.60	Distribution of electricity
23610	618	13743	40	1556	3.52	Manufacture of concrete products for construction purposes
22210	567	24043	50	2688	3.48	Manufacture of plastic plates, sheets, tubes and profiles
8110	470	5567	26	621	3.47	Quarrying of ornamental and building stone, limestone, gypsum, chalk, slate
63110	3428	39073	85	4104	3.26	Data processing, hosting and related activities
		381064		48856	12.8%	Top 20 LEP SICs % of GB SIC jobs

Table 5.9.4: Top 20 Sectors by Jobs 2012 – Derby, Derbyshire, Nottingham and Nottinghamshire

2012 SIC	Top 20 by jobs		Derby, Derbyshire, Nottingham and Nottinghamshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	214	41004	1.01	Hospital activities
78200	16131	635836	362	40061	1.96	Temporary employment agency activities
85200	25303	1000063	937	34912	1.09	Primary education
47110	38907	1001066	1220	32465	1.01	Retail sale in non-specialised stores with food, beverages or tobacco (...)
84110	14113	647996	563	24371	1.17	General public administration activities
85310	5585	597877	167	21543	1.12	General secondary education
88990	31406	456446	1102	17213	1.17	Other social work activities without accommodation n.e.c.
86900	20625	335775	903	15432	1.43	Other human health activities
56302	40012	360425	1627	14580	1.26	Public houses and bars
85421	1586	388819	37	11919	0.95	First-degree level higher education
47730	10449	89637	347	11368	3.94	Dispensing chemist in specialised stores
30300	712	84145	30	10685	3.95	Manufacture of air and spacecraft and related machinery
47190	12164	238992	403	9092	1.18	Other retail sale in non-specialised stores
47710	24030	356877	663	8836	0.77	Retail sale of clothing in specialised stores
87900	11619	212267	402	8715	1.28	Other residential care activities
49410	21898	189997	830	7713	1.26	Freight transport by road
84240	2939	269548	120	7472	0.86	Public order and safety activities
62020	67949	273313	1453	7469	0.85	Computer consultancy activities
88100	11195	244977	372	7402	0.94	Social work activities without accommodation for the elderly and disabled
87300	12381	228250	374	7372	1.00	Residential care activities for the elderly and disabled

Localisation of Industrial Activity across England's LEPs

Dorset LEP

The total number of jobs in the Dorset LEP increased by 0.4% from 298,862 jobs in 2008, to 300,017 jobs in 2012. The top 20 sectors by employment contributed 38.9% of total employment in 2008, increasing to 40.4% in 2012.

The top 20 sectors by LQ contributed 17,982 jobs in 2008 (6.0% of total jobs) and 16,269 jobs in 2012 (5.4%). The highest LQ was recorded for the building of boats and ships for both years (albeit with a small variation of SIC), providing 1,779 jobs in 2012. Camping grounds, with a LQ of 6.24 in 2012, experienced significant employment growth between 2008 and 2012, up 85.9% to 1,870 jobs. Other sectors with more than 1,000 employees among the top 20 by LQ (2012) included activities of insurance agents and brokers, with 3,774 jobs (not in 2008 list of top sectors by LQ, but Top 13 sector by employment in 2012), and building societies with 1,065 jobs (down from 1,538 jobs in 2008).

Despite the fewer number of jobs in the top 20 sectors by LQ by 2012, their share of jobs nationally grew, up from 3.7% to 4.2% in 2012. There were few changes in the list of top 20 sectors by jobs between the two years; in 2012 the largest new entrant to the list was activities of insurance agents and brokers, with 4,000 jobs.

Localisation of Industrial Activity across England's LEPs

Table 5.10.1: Top 20 Sectors by LQ 2008 - Dorset

2008 SIC	Top 20 by LQ		Dorset			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
30110	466	11469	24	1798	13.99	Building of ships and floating structures
93210	476	12294	20	764	5.55	Activities of amusement parks and theme parks
49420	1650	12900	32	672	4.65	Removal services
55300	2051	19376	68	1006	4.63	Camping grounds, recreational vehicle parks and trailer parks
96010	4857	34451	72	1473	3.82	Washing and (dry-)cleaning of textile and fur products
33160	291	30925	14	1252	3.61	Repair and maintenance of aircraft and spacecraft
55209	1754	7687	58	292	3.39	Other holiday and other short-stay accommodation (not incl. [...]) n.e.c.
1420	5649	14731	199	553	3.35	Raising of other cattle and buffaloes
64192	3011	42746	48	1538	3.21	Building societies
1410	3770	9302	129	326	3.13	Raising of dairy cattle
27400	717	15771	11	517	2.93	Manufacture of electric lighting equipment
95230	583	1265	13	40	2.82	Repair of footwear and leather goods
91040	556	12731	16	398	2.79	Botanical and zoological gardens and nature reserve activities
26301	1384	23467	32	732	2.78	Manufacture of telegraph and telephone apparatus and equipment
69202	3517	31977	51	989	2.76	Bookkeeping activities
65110	1712	69073	26	2068	2.67	Life insurance
55201	761	22433	25	666	2.65	Holiday centres and villages
46750	1791	17526	24	473	2.41	Wholesale of chemical products
25620	11916	84803	208	2169	2.28	Machining
45400	2343	10044	55	256	2.27	Sale, maintenance and repair of motorcycles, related parts and accessories
		484971		17982	3.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.10.2: Top 20 Sectors by Jobs 2008 - Dorset

2008 SIC	Top 20 by jobs		Dorset			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	46	14664	1.10	Hospital activities
47110	34592	953306	422	13793	1.29	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	254	11088	1.08	Primary education
64191	15467	412985	180	8275	1.79	Banks
85310	5732	547903	66	8059	1.31	General secondary education
78200	29767	669737	178	6134	0.82	Temporary employment agency activities
55100	12377	313180	299	6049	1.72	Hotels and similar accommodation
84110	12364	657299	94	5849	0.79	General public administration activities
56302	48502	391162	633	5671	1.29	Public houses and bars
88990	31875	449586	351	5105	1.01	Other social work activities without accommodation n.e.c.
87300	11996	213537	215	4365	1.82	Residential care activities for the elderly and disabled
56101	27324	278602	432	3871	1.24	Licensed restaurants
47710	26202	353894	365	3794	0.96	Retail sale of clothing in specialised stores
81210	28775	402194	284	3427	0.76	General cleaning of buildings
87900	12010	216666	163	3382	1.39	Other residential care activities
47190	10290	220975	162	2860	1.15	Other retail sale in non-specialised stores
84240	3018	274005	33	2702	0.88	Public order and safety activities
85590	17116	203392	260	2512	1.10	Other education n.e.c.
86900	13758	279816	165	2504	0.80	Other human health activities
45200	31381	173433	478	2269	1.17	Maintenance and repair of motor vehicles

Localisation of Industrial Activity across England's LEPs

Table 5.10.3: Top 20 Sectors by LQ 2012 - Dorset

2012 SIC	Top 20 by LQ		Dorset			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
30120	539	8569	25	1779	18.37	Building of pleasure and sporting boats
33150	442	4962	19	684	12.20	Repair and maintenance of ships and boats
28490	524	4550	10	333	6.48	Manufacture of other machine tools
55300	2257	26519	78	1870	6.24	Camping grounds, recreational vehicle parks and trailer parks
26120	387	9850	12	532	4.78	Manufacture of loaded electronic boards
1420	3169	8291	135	429	4.58	Raising of other cattle and buffaloes
33160	741	16199	28	719	3.93	Repair and maintenance of aircraft and spacecraft
27400	705	14302	13	594	3.68	Manufacture of electric lighting equipment
66220	4142	104776	62	3774	3.19	Activities of insurance agents and brokers
1410	5334	15220	157	526	3.06	Raising of dairy cattle
27900	644	9706	12	307	2.80	Manufacture of other electrical equipment
46750	1625	15797	22	498	2.79	Wholesale of chemical products
64192	1960	34885	34	1065	2.70	Building societies
55209	2170	10211	72	300	2.60	Other holiday and other short-stay accommodation (not incl. [...]) n.e.c.
33200	1136	16195	12	475	2.60	Installation of industrial machinery and equipment
26301	1115	12880	20	371	2.55	Manufacture of telegraph and telephone apparatus and equipment
1430	5447	12823	136	368	2.54	Raising of horses and other equines
96010	4735	29842	75	836	2.48	Washing and (dry-)cleaning of textile and fur products
47810	709	1996	11	55	2.44	Retail sale via stalls and markets of food, beverages and tobacco products
38210	1584	27457	22	754	2.43	Treatment and disposal of non-hazardous waste
		385030		16269	4.2%	Top 20 LEP SICs % of GB SIC jobs

Table 5.10.4: Top 20 Sectors by Jobs 2012 - Dorset

2012 SIC	Top 20 by jobs		Dorset			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	62	14576	1.02	Hospital activities
85200	25303	1000063	267	14504	1.28	Primary education
47110	38907	1001066	466	13758	1.22	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5585	597877	59	7813	1.16	General secondary education
64191	11082	408711	156	7276	1.58	Banks
84110	14113	647996	168	6616	0.90	General public administration activities
55100	12487	317876	289	6104	1.70	Hotels and similar accommodation
56302	40012	360425	522	5689	1.40	Public houses and bars
88990	31406	456446	340	5537	1.07	Other social work activities without accommodation n.e.c.
56101	29634	326772	443	4673	1.27	Licensed restaurants
78200	16131	635836	141	4403	0.61	Temporary employment agency activities
87300	12381	228250	219	4307	1.67	Residential care activities for the elderly and disabled
66220	4142	104776	62	3774	3.19	Activities of insurance agents and brokers
47710	24030	356877	317	3743	0.93	Retail sale of clothing in specialised stores
87100	4704	204756	82	3312	1.43	Residential nursing care activities
86900	20625	335775	349	3251	0.86	Other human health activities
87900	11619	212267	173	3158	1.32	Other residential care activities
88100	11195	244977	132	3017	1.09	Social work activities without accommodation for the elderly and disabled
85421	1586	388819	13	2928	0.67	First-degree level higher education
47190	12164	238992	186	2875	1.06	Other retail sale in non-specialised stores

Localisation of Industrial Activity across England's LEPs

Enterprise M3 LEP

The Enterprise M3 LEP saw a small increase in jobs of 0.6% between 2008 and 2012, from 729,723 to 734,298 jobs. The 20 biggest sectors by employment contributed 35.9% (both 2008 and 2012) to the total number of jobs. Very few changes occurred to the composition of the list of the top 20 sectors by employment.

Overall, the top 20 sectors by LQ represented 6.8% of the total jobs in the LEP in 2008, reducing to 4.1% of jobs in 2012. As a share of the total national employment within their respective sectors, this increased from 9.5% in 2008 to 11.2% in 2012.

When considering the list of top 20 sectors by LQ, there have been a large number of changes between 2008 and 2012; publishing of computer games dropped from the list completely in 2012, whilst agents involved in the sale of a variety of goods dropped from second to fourth place, reducing jobs by 48.2% despite increasing the number of workplaces in the LEP area. Wholesale of electronic and telecoms equipment and parts saw employment rise from 4,369 to 5,114 (+17.1%). Of the bigger employing sectors among the top 20 by LQ installation of industrial machinery and equipment also saw an increase in jobs.

The highest ranked sector by LQ for 2012, the manufacture of engines and turbines (except aircraft, vehicles and cycle engines) did not at all appear in the 2008 list, but in 2012 provided 5,043 jobs (with a LQ of 9.71). Manufacture of chemical products also did not feature on the 2008 list. Computer consultancy activities were included in the 2008 list of top LQs and with 20,819 jobs they are the fourth largest sector by employment in the LEP. However, a 10.3% reduction in jobs in the sector between 2008-12, against a national increase in jobs of 17.7%, resulted in a drop out of the top 20 sectors by LQ in 2012.

Sectors, with considerable employment contributions, which dropped out of the 2008 top sectors by jobs included other information technology and computer service activities; event catering activities and electrical installation,

Localisation of Industrial Activity across England's LEPs

each of which had 7,000 – 8,000 jobs. These were replaced by activities of head offices, with 9,000 jobs; other telecommunications activities; and retail sale of clothing in specialised stores, both with around 7,000 jobs.

Localisation of Industrial Activity across England's LEPs

Table 5.11.1: Top 20 Sectors by LQ 2008 – Enterprise M3

2008 SIC	Top 20 by LQ		Enterprise M3			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
58210	233	1801	15	502	10.19	Publishing of computer games
46190	1067	5167	49	1359	9.61	Agents involved in the sale of a variety of goods
26309	265	7335	19	1469	7.32	Manufacture of communication equipment (not telegraph, telephone app. [...])
46650	214	3691	10	703	6.96	Wholesale of office furniture
64202	1253	8572	56	1552	6.62	Activities of production holding companies
52242	213	4712	11	660	5.12	Cargo handling for air transport activities of division 51
47749	856	3930	34	541	5.03	Retail sale of medical and orthopaedic goods (other than hearing aids) n.e.c.,(...)
46520	2841	35066	155	4369	4.55	Wholesale of electronic and telecommunications equipment and parts
2400	378	1709	16	212	4.53	Support services to forestry
77351	142	347	10	43	4.53	Renting and leasing of passenger air transport equipment
33200	464	11045	16	1186	3.92	Installation of industrial machinery and equipment
28220	966	18566	29	1765	3.47	Manufacture of lifting and handling equipment
47410	1770	19730	63	1815	3.36	Retail sale of computers, peripheral units and software in specialised stores
62020	55563	232129	3263	20819	3.28	Computer consultancy activities
46220	979	8076	53	652	2.95	Wholesale of flowers and plants
18203	126	302	12	24	2.90	Reproduction of computer media
71200	4579	44174	119	3336	2.76	Technical testing and analysis
62012	22462	100953	1296	7419	2.69	Business and domestic software development
64203	395	1988	23	140	2.57	Activities of construction holding companies
85510	1409	12800	70	887	2.53	Sports and recreation education
		522093		49453	9.5%	Top 20 LEP SICs % of GB SIC jobs

Table 5.11.2 Top 20 Sectors by Jobs 2008 – Enterprise M3

2008 SIC	Top 20 by jobs		Enterprise M3			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	27278	919909	804	29934	1.19	Primary education
47110	34592	953306	718	25483	0.98	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5120	1193554	113	22433	0.69	Hospital activities
62020	55563	232129	3263	20819	3.28	Computer consultancy activities
78200	29767	669737	634	16626	0.91	Temporary employment agency activities
81210	28775	402194	1054	15211	1.38	General cleaning of buildings
70229	96342	307793	5415	14379	1.71	Management consultancy activities (other than financial management)
85310	5732	547903	141	14194	0.95	General secondary education
88990	31875	449586	697	11311	0.92	Other social work activities without accommodation n.e.c.
56302	48502	391162	1238	10643	0.99	Public houses and bars
84110	12364	657299	342	10094	0.56	General public administration activities
82990	72283	252302	2663	8973	1.30	Other business support service activities n.e.c.
71129	53114	223349	1533	8688	1.42	Other engineering activities (not including [...])
62090	31906	130393	1716	8202	2.30	Other information technology and computer service activities
55100	12377	313180	263	7874	0.92	Hotels and similar accommodation
56101	27324	278602	800	7694	1.01	Licensed restaurants
56210	18570	205291	689	7426	1.32	Event catering activities
62012	22462	100953	1296	7419	2.69	Business and domestic software development
86900	13758	279816	399	7410	0.97	Other human health activities
43210	32719	203969	1046	7129	1.28	Electrical installation

Localisation of Industrial Activity across England's LEPs

Table 5.11.3: Top 20 Sectors by LQ 2012 – Enterprise M3

2012 SIC	Top 20 by LQ		Enterprise M3			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
28110	211	18784	10	5043	9.71	Manufacture of engines and turbines, not aircraft, vehicle and cycle engines
52212	188	1994	24	365	6.62	Operation of rail passenger facilities at railway stations
26702	92	791	10	144	6.58	Manufacture of photographic and cinematographic equipment
46190	1474	4135	58	704	6.16	Agents involved in the sale of a variety of goods
46520	3211	38840	167	5114	4.76	Wholesale of electronic and telecommunications equipment and parts
20590	555	14308	22	1794	4.53	Manufacture of other chemical products n.e.c.
52242	223	5031	19	626	4.50	Cargo handling for air transport activities of division 51
62011	891	7134	42	838	4.25	Ready-made interactive leisure and entertainment software development
2400	586	1862	28	210	4.08	Support services to forestry
1300	445	3906	33	376	3.48	Plant propagation
64910	541	4744	36	454	3.46	Financial leasing
62012	24234	109024	1306	9608	3.19	Business and domestic software development
46360	491	6465	13	568	3.18	Wholesale of sugar and chocolate and sugar confectionery
33200	1136	16195	52	1411	3.15	Installation of industrial machinery and equipment
42910	298	2224	18	193	3.14	Construction of water projects
78300	1379	10056	72	832	2.99	Other human resources provision
61100	994	5843	48	455	2.82	Wired telecommunications activities
46220	871	7618	41	590	2.80	Wholesale of flowers and plants
68202	345	8189	19	610	2.69	Letting and operating of conference and exhibition centres
64204	248	658	18	48	2.64	Activities of distribution holding companies
267801			29983		11.2%	Top 20 LEP SICs % of GB SIC jobs

Table 5.11.4 Top 20 Sectors by Jobs 2012 – Enterprise M3

2012 SIC	Top 20 by jobs		Enterprise M3			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	25303	1000063	724	30032	1.09	Primary education
47110	38907	1001066	768	24772	0.89	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5649	1265215	152	23126	0.66	Hospital activities
62020	67949	273313	4221	18668	2.47	Computer consultancy activities
85310	5585	597877	161	16699	1.01	General secondary education
70229	106896	320672	6331	15916	1.79	Management consultancy activities (other than financial management)
81210	24563	383804	731	13557	1.28	General cleaning of buildings
78200	16131	635836	576	12541	0.71	Temporary employment agency activities
88990	31406	456446	662	10843	0.86	Other social work activities without accommodation n.e.c.
82990	62198	244480	2362	10761	1.59	Other business support service activities n.e.c.
56302	40012	360425	1046	10601	1.06	Public houses and bars
62012	24234	109024	1306	9608	3.19	Business and domestic software development
70100	4831	183422	199	9240	1.82	Activities of head offices
55100	12487	317876	260	9108	1.04	Hotels and similar accommodation
84110	14113	647996	324	8699	0.49	General public administration activities
71129	39542	201539	1409	8453	1.52	Other engineering activities (not including [...])
56101	29634	326772	845	8280	0.92	Licensed restaurants
86900	20625	335775	665	8132	0.88	Other human health activities
61900	8814	173701	370	7536	1.57	Other telecommunications activities
47710	24030	356877	615	7056	0.71	Retail sale of clothing in specialised stores

Localisation of Industrial Activity across England's LEPs

Greater Birmingham and Solihull LEP

Total jobs in in the Greater Birmingham and Solihull LEP reduced to 827,460 in 2012, down by 5.2% from 873,007 in 2008. The 20 largest sectors by employment accounted for 38.9% of jobs in 2012 (39.0% in 2008) whilst 4.4% of jobs in 2008 were within the top 20 sectors by LQ (slightly up in 2012 to 4.5%). The industrial heritage of the LEP is shown in the top 20 sectors by LQ tables, with 14 manufacturing sectors among the top 20 in 2012. .

In terms of contribution to jobs, the highest ranked sector by LQ is of limited significance; precious metal production lost more than two-thirds of its jobs between 2008 and 2012, dropping down to 98 jobs in 2012 (but still representing a seventh of the national workforce in the sector).

By far the biggest sector in terms of jobs in the top 20 LQs list remains the manufacture of motor vehicles, with 9,198 jobs (down from 10,136 in 2008, in line with the national trend); and the corresponding supply activities, such as the manufacture of other parts and accessories for motor vehicles which provided 5,268 jobs in 2012, down from 8,229 jobs in 2008 (which was lower than the national decline). Forging, pressing, stamping and roll-forming of metal; powder metallurgy had the second highest LQ in 2012, despite a marked decline in jobs from 4,994 in 2008 to 3,607 in 2012, a reduction of 27.8% (nationally -28.6%). New entrants to the top 20 by LQ list in 2012 included the manufacture of fluid power equipment, with 1,171 jobs; as well as the manufacture of beer, with 1,708 jobs; and bigger than both, with 7,796 jobs, the sector of other services activities incidental to land transportation [...].

The manufacture of motor vehicles was the only sector to be both included in the top 20 by employment and by LQ in 2008 and 2012, signifying its importance to the region. Overall, the top 20 sectors by LQ in the LEP provided 13.6% of overall jobs in their respective sectors, down from 14.1% in 2008.

Localisation of Industrial Activity across England's LEPs

Three sectors dropped out of the top 20 by jobs list between 2008 and 2012, each with a large employment contribution. Regulation of the activities providing health care etc.; construction of domestic buildings and activities of employment placement agencies all disappeared from the list by 2012, each with employment of 10,000 – 11,000. These were replaced with other human health activities; other education n.e.c.; and management consultancy activities, all of which had around 9,000 jobs.

Localisation of Industrial Activity across England's LEPs

Table 5.12.1: Top 20 Sectors by LQ 2008 – Greater Birmingham and Solihull

2008 SIC	Top 20 by LQ		Greater Birmingham and Solihull			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
24410	59	838	11	307	11.19	Precious metals production
46630	684	7618	23	1877	7.53	Wholesale of mining, construction and civil engineering machinery
32120	1012	5389	150	1228	6.96	Manufacture of jewellery and related articles
25500	997	25636	97	4994	5.95	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
32130	112	594	17	104	5.35	Manufacture of imitation jewellery and related articles
28410	385	5008	49	856	5.22	Manufacture of metal forming machinery
29310	271	7489	16	1254	5.11	Manufacture of electrical and electronic equipment for motor vehicles
24450	117	3966	12	641	4.94	Other non-ferrous metal production
25720	565	9824	35	1437	4.47	Manufacture of locks and hinges
96040	411	2786	13	401	4.40	Physical well-being activities
29100	1179	71454	38	10136	4.33	Manufacture of motor vehicles
25940	209	5127	23	718	4.28	Manufacture of fasteners and screw machine products
28132	161	4967	15	686	4.22	Manufacture of compressors
24420	196	7942	17	1057	4.07	Aluminium production
82301	1472	8464	55	986	3.56	Activities of exhibition and fair organizers
77120	816	8129	31	933	3.51	Renting and leasing of trucks
77299	675	9212	29	1048	3.48	Renting and leasing of other personal/household goods (other than [...])
29320	1544	72965	131	8229	3.44	Manufacture of other parts and accessories for motor vehicles
24440	80	2919	12	314	3.29	Copper production
28140	220	10481	12	1093	3.19	Manufacture of other taps and valves
		270808		38299	14.1%	Top 20 LEP SICs % of GB SIC jobs

Table 5.12.2: Top 20 Sectors by Jobs 2008 – Greater Birmingham and Solihull

2008 SIC	Top 20 by jobs		Greater Birmingham and Solihull			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	129	43840	1.12	Hospital activities
85200	27278	919909	780	34637	1.15	Primary education
47110	34592	953306	1029	24582	0.79	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5732	547903	212	21795	1.22	General secondary education
78200	29767	669737	1099	21583	0.98	Temporary employment agency activities
81210	28775	402194	894	19738	1.50	General cleaning of buildings
56210	18570	205291	553	17413	2.59	Event catering activities
56101	27324	278602	662	15993	1.75	Licensed restaurants
88990	31875	449586	907	14901	1.01	Other social work activities without accommodation n.e.c.
84110	12364	657299	252	14331	0.67	General public administration activities
64191	15467	412985	556	13949	1.03	Banks
56302	48502	391162	1141	13518	1.06	Public houses and bars
85421	1628	366035	33	12579	1.05	First-degree level higher education
84120	4337	184227	141	11408	1.89	Regulation of the activities of providing health care, education, (...)
41202	24979	214682	648	11250	1.60	Construction of domestic buildings
78109	20390	226652	796	10209	1.38	Activities of employment placement agencies (other than [...])
47710	26202	353894	810	10143	0.88	Retail sale of clothing in specialised stores
29100	1179	71454	38	10136	4.33	Manufacture of motor vehicles
84240	3018	274005	71	9706	1.08	Public order and safety activities
55100	12377	313180	206	8957	0.87	Hotels and similar accommodation

Localisation of Industrial Activity across England's LEPs

Table 5.12.3: Top 20 Sectors by LQ 2012 – Greater Birmingham and Solihull

2012 SIC	Top 20 by LQ		Greater Birmingham and Solihull			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
32120	963	4925	136	1079	7.03	Manufacture of jewellery and related articles
25500	759	18305	77	3607	6.32	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
28120	150	6561	12	1171	5.73	Manufacture of fluid power equipment
46630	727	7082	26	1200	5.44	Wholesale of mining, construction and civil engineering machinery
32130	103	445	12	68	4.90	Manufacture of imitation jewellery and related articles
29100	770	60654	29	9198	4.87	Manufacture of motor vehicles
24420	148	4115	10	588	4.58	Aluminium production
11050	621	12267	19	1708	4.47	Manufacture of beer
24410	54	713	12	98	4.41	Precious metals production
24440	60	2596	11	341	4.21	Copper production
52219	2836	62899	95	7796	3.98	Other service act. incidental to land transportation, n.e.c.
25930	470	7793	57	949	3.91	Manufacture of wire products, chain and springs
29320	1124	43762	107	5268	3.86	Manufacture of other parts and accessories for motor vehicles
28132	100	3418	10	411	3.86	Manufacture of compressors
82301	1642	8973	48	954	3.41	Activities of exhibition and fair organizers
25720	543	6882	32	713	3.32	Manufacture of locks and hinges
24450	100	4198	12	434	3.32	Other non-ferrous metal production
25940	181	4528	18	459	3.25	Manufacture of fasteners and screw machine products
35210	132	5982	10	548	2.94	Manufacture of gas
77299	706	10074	30	907	2.89	Renting and leasing of other personal and household goods...)
		276172		37497	13.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.12.4: Top 20 Sectors by Jobs 2012 – Greater Birmingham and Solihull

2012 SIC	Top 20 by jobs		Greater Birmingham and Solihull			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	25303	1000063	884	49921	1.60	Primary education
86101	5649	1265215	209	44780	1.14	Hospital activities
47110	38907	1001066	1215	27946	0.90	Retail sale in non-specialised stores with food, beverages or tobacco (...)
78200	16131	635836	507	24215	1.22	Temporary employment agency activities
85310	5585	597877	216	21916	1.18	General secondary education
64191	11082	408711	346	14276	1.12	Banks
56302	40012	360425	908	12391	1.10	Public houses and bars
88990	31406	456446	848	12322	0.87	Other social work activities without accommodation n.e.c.
85421	1586	388819	40	11494	0.95	First-degree level higher education
81210	24563	383804	711	10898	0.91	General cleaning of buildings
47710	24030	356877	728	10428	0.94	Retail sale of clothing in specialised stores
84240	2939	269548	64	10234	1.22	Public order and safety activities
55100	12487	317876	230	9939	1.00	Hotels and similar accommodation
84110	14113	647996	239	9351	0.46	General public administration activities
29100	770	60654	29	9198	4.87	Manufacture of motor vehicles
86900	20625	335775	595	9068	0.87	Other human health activities
85590	18126	202609	574	8669	1.37	Other education n.e.c.
70229	106896	320672	2521	8654	0.87	Management consultancy activities (other than financial management)
56101	29634	326772	751	8134	0.80	Licensed restaurants
56210	17371	196669	425	7860	1.28	Event catering activities

Localisation of Industrial Activity across England's LEPs

Gloucestershire LEP

There were 262,895 jobs in Gloucestershire LEP in 2012, down 0.6% from 264,523 jobs in 2008. In 2008, 36.3% of jobs were contributed by the 20 largest sectors in terms of employment; this increased to 37.5% in 2012 (95,916 to 98,556). The top 20 sectors by LQ contributed 5.3% of jobs in 2008 which reduced to 4.3% in 2012; the different contribution by the two lists pointing to a relatively diverse mix of sectors in the LEP.

The top sector by LQ the manufacture of electronic instruments and appliances for measuring, testing, and [...] had a LQ of 9.63 in 2012, having experienced a 90.4% rise in employment since 2008 to 3,754 jobs (when nationally the number of jobs declined). Manufacture of tools also grew its number of jobs by 17.0% to 739, also against the national trend. The manufacture of medical and dental instruments and supplies (with a largely unchanged number of jobs in the LEP against a national decrease) and the production of electricity were the only other sectors among the top 20 by LQ with more than 1,000 employees in 2012. As such, the only sector of the top 20 by LQ that was also within the top 20 in terms of employment in 2012 was the manufacture of electronic instruments and appliances [...].

Compared to the job figures in the respective sectors nationally, the top 20 by LQ had a share of 4.3% of national employment, up from 3.7% in 2008.

Localisation of Industrial Activity across England's LEPs

Table 5.13.1: Top 20 Sectors by LQ 2008 - Gloucestershire

2008 SIC	Top 20 by LQ		Gloucestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
35110	512	16465	22	1332	8.16	Production of electricity
64192	3011	42746	40	2957	6.97	Building societies
26511	2016	43070	21	1972	4.62	Manufacture of electronic instruments, appliances for measuring, testing, and (...)
8110	531	6315	24	266	4.25	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate
25730	1297	15829	31	631	4.02	Manufacture of tools
82190	1507	11377	18	419	3.71	Photocopying, document preparation and other specialised office support act.
28150	357	10863	10	383	3.55	Manufacture of bearings, gears, gearing and driving elements
26301	1384	23467	15	791	3.40	Manufacture of telegraph and telephone apparatus and equipment
71121	5751	37325	43	1150	3.11	Engineering design activities for industrial process and production
25120	1118	15628	19	437	2.82	Manufacture of doors and windows of metal
2100	1370	7750	22	203	2.64	Silviculture and other forestry activities
77210	903	4640	15	118	2.56	Renting and leasing of recreational and sports goods
32500	2093	40957	35	1009	2.48	Manufacture of medical and dental instruments and supplies
22190	608	17142	11	421	2.48	Manufacture of other rubber products
1500	11080	34609	235	845	2.46	Mixed farming
33120	1796	33818	31	805	2.40	Repair of machinery
55900	947	5224	19	124	2.39	Other accommodation
1240	579	3976	24	94	2.38	Growing of pome fruits and stone fruits
1490	810	2921	26	68	2.35	Raising of other animals
1621	559	2811	13	65	2.33	Farm animal boarding and care
		376933		14090	3.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.13.2: Top 20 Sectors by Jobs 2008 - Gloucestershire

2008 SIC	Top 20 by jobs		Gloucestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	27278	919909	338	15122	1.66	Primary education
86101	5120	1193554	143	11184	0.94	Hospital activities
47110	34592	953306	305	10127	1.07	Retail sale in non-specialised stores with food, beverages or tobacco (...)
84110	12364	657299	188	5954	0.91	General public administration activities
85310	5732	547903	49	5695	1.05	General secondary education
78200	29767	669737	168	4795	0.72	Temporary employment agency activities
56302	48502	391162	588	4217	1.09	Public houses and bars
88990	31875	449586	331	3682	0.83	Other social work activities without accommodation n.e.c.
70229	96342	307793	1476	3425	1.12	Management consultancy activities (other than financial management)
56210	18570	205291	342	3348	1.64	Event catering activities
55100	12377	313180	145	3206	1.03	Hotels and similar accommodation
47710	26202	353894	276	3138	0.89	Retail sale of clothing in specialised stores
49410	23658	246603	400	3035	1.24	Freight transport by road
64192	3011	42746	40	2957	6.97	Building societies
87300	11996	213537	126	2950	1.39	Residential care activities for the elderly and disabled
86900	13758	279816	170	2843	1.02	Other human health activities
42990	18535	208438	257	2749	1.33	Construction of other civil engineering projects n.e.c.
56101	27324	278602	267	2559	0.93	Licensed restaurants
85320	2856	135631	41	2469	1.84	Technical and vocational secondary education
87900	12010	216666	134	2461	1.15	Other residential care activities

Localisation of Industrial Activity across England's LEPs

Table 5.13.3: Top 20 Sectors by LQ 2012 - Gloucestershire

2012 SIC	Top 20 by LQ		Gloucestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
26511	1602	39378	27	3754	9.63	Manufacture of electronic instruments, appliances for measuring, testing, and (...)
35110	1152	25756	32	1478	5.79	Production of electricity
25730	1085	13615	24	739	5.48	Manufacture of tools
25720	543	6882	11	317	4.65	Manufacture of locks and hinges
1190	513	5347	13	187	3.53	Growing of other non-perennial crops
46210	1112	9950	21	343	3.48	Wholesale of grain, unmanufactured tobacco, seeds and animal feeds
82190	2155	13124	22	408	3.14	Photocopying, document preparation and other specialised office support act.
25120	1102	15118	21	458	3.06	Manufacture of doors and windows of metal
8110	470	5567	16	168	3.05	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate
1490	864	3102	31	92	2.99	Raising of other animals
32500	1977	35151	32	1031	2.96	Manufacture of medical and dental instruments and supplies
27900	644	9706	12	270	2.81	Manufacture of other electrical equipment
2100	1453	8045	23	211	2.65	Silviculture and other forestry activities
1430	5447	12823	123	335	2.64	Raising of horses and other equines
47791	1231	3743	39	97	2.62	Retail sale of antiques including antique books, in stores
1629	851	3352	24	84	2.53	Support activities for animal production (other than [...]) n.e.c.
77210	823	4908	15	121	2.49	Renting and leasing of recreational and sports goods
1500	10023	34629	223	850	2.48	Mixed farming
16100	527	7566	15	185	2.47	Sawmilling and planing of wood
46130	1447	5896	31	143	2.45	Agents involved in the sale of timber and building materials
			263658	11271	4.3%	Top 20 LEP SICs % of GB SIC jobs

Table 5.13.4: Top 20 Sectors by Jobs 2012 - Gloucestershire

2012 SIC	Top 20 by jobs		Gloucestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	153	13038	1.04	Hospital activities
85200	25303	1000063	318	11251	1.14	Primary education
47110	38907	1001066	310	10426	1.05	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5585	597877	68	9645	1.63	General secondary education
84110	14113	647996	184	4948	0.77	General public administration activities
78200	16131	635836	150	4488	0.71	Temporary employment agency activities
56302	40012	360425	500	4315	1.21	Public houses and bars
26511	1602	39378	27	3754	9.63	Manufacture of electronic instruments, appliances for measuring, testing, and (...)
55100	12487	317876	150	3578	1.14	Hotels and similar accommodation
70229	106896	320672	1547	3578	1.13	Management consultancy activities (other than financial management)
87300	12381	228250	141	3536	1.56	Residential care activities for the elderly and disabled
85320	3376	190122	37	3374	1.79	Technical and vocational secondary education
88990	31406	456446	283	3199	0.71	Other social work activities without accommodation n.e.c.
47710	24030	356877	253	3150	0.89	Retail sale of clothing in specialised stores
64191	11082	408711	113	3077	0.76	Banks
82990	62198	244480	745	2859	1.18	Other business support service activities n.e.c.
87900	11619	212267	150	2718	1.29	Other residential care activities
49410	21898	189997	315	2590	1.38	Freight transport by road
56101	29634	326772	254	2549	0.79	Licensed restaurants
81210	24563	383804	295	2483	0.65	General cleaning of buildings

Localisation of Industrial Activity across England's LEPs

The Heart of the South West LEP

The Heart of the South West LEP had 500,247 jobs in total in 2008; of which 186,430 or, 37.3%, were in the top 20 sectors by employment. By 2012 employment had fallen to 499,104; the top 20 sectors now accounted for 197,587 jobs or 39.6% of the total. In terms of employment, the most important sectors, in both years, were largely split between the public and service sectors. In the former hospital and health-related activities; education; and public administration were all key; whilst in the latter it was the retail, and the hotel, bars and restaurants sectors.

The sectors of key importance, in terms of LQ, included agriculture-related activities such as the raising and wholesale of animals, and the manufacture of agriculture-based products such as cider and dairy products. Tourism-related activities such as holiday homes, camping and recreational parks also featured highly.

Despite the high LQs very few of these sectors were important in terms of employment, for example, the extraction of peat had the highest LQ at 17.64 in 2008 but accounted for just 47 jobs. In fact most of the sectors with the top 20 LQs had total employment of less than 2000. The only sector with a high LQ which also had a significant employment contribution in 2008 was residential care activities, which accounted for 4,910 jobs.

Between 2008 and 2012 the sectors of importance remained broadly consistent; however by 2012 the residential care sector no longer featured in either the top 20 sectors by employment or by LQ. The only sector which appeared to have both a high LQ and a significant employment contribution in 2012 was the manufacture of air and spacecraft and related machinery, which had an LQ of 3.76 and a total employment of 5,941.

Localisation of Industrial Activity across England's LEPs

Table 5.14.1: Top 20 Sectors by LQ 2008 – Heart of the South West

2008 SIC	Top 20 by LQ		Heart of the South West			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
8920	23	142	11	47	17.64	Extraction of peat
11030	52	1468	16	378	13.73	Manufacture of cider and other fruit wines
10512	145	7001	24	1122	8.54	Butter and cheese production
10511	134	9076	17	1218	7.15	Liquid milk and cream production
1420	5649	14731	803	1915	6.93	Raising of other cattle and buffaloes
55201	761	22433	71	2857	6.79	Holiday centres and villages
1410	3770	9302	500	1119	6.41	Raising of dairy cattle
46210	1103	9274	60	1070	6.15	Wholesale of grain, unmanufactured tobacco, seeds and animal feeds Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate
8110	531	6315	23	703	5.93	
27520	152	4863	11	454	4.98	Manufacture of non-electric domestic appliances
1450	3903	11461	349	951	4.42	Raising of sheep and goats
55300	2051	19376	133	1605	4.42	Camping grounds, recreational vehicle parks and trailer parks
1430	8795	24673	833	2028	4.38	Raising of horses and other equines Manufacture of agricultural and forestry machinery (other than agric. tractors)
28302	306	3407	24	269	4.21	
1470	1558	11497	130	837	3.88	Raising of poultry
46610	1438	14315	77	953	3.55	Wholesale of agricultural machinery, equipment and supplies Residential care activities for learning disabilities, mental health, substance abuse
87200	1931	74967	57	4910	3.49	
1250	64	483	11	30	3.31	Growing of other tree and bush fruits and nuts
50300	146	1230	11	75	3.25	Inland passenger water transport
47210	3246	12785	93	765	3.19	Retail sale of fruit and vegetables in specialised stores
		258799		23306	9.0%	Top 20 LEP SICs % of GB SIC jobs

Table 5.14.2: Top 20 Sectors by Jobs 2008 – Heart of the South West

2008 SIC	Top 20 by jobs		Heart of the South West			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	34592	953306	725	21938	1.23	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	616	19607	1.14	Primary education
86101	5120	1193554	153	19144	0.86	Hospital activities
84110	12364	657299	343	18571	1.51	General public administration activities
85310	5732	547903	123	13274	1.29	General secondary education
56302	48502	391162	1522	10389	1.42	Public houses and bars
78200	29767	669737	225	8973	0.71	Temporary employment agency activities
55100	12377	313180	457	7391	1.26	Hotels and similar accommodation
88990	31875	449586	752	7110	0.84	Other social work activities without accommodation n.e.c.
87300	11996	213537	374	7079	1.77	Residential care activities for the elderly and disabled
87900	12010	216666	329	6637	1.63	Other residential care activities
86900	13758	279816	326	5698	1.09	Other human health activities
41202	24979	214682	805	5572	1.38	Construction of domestic buildings
49410	23658	246603	524	5548	1.20	Freight transport by road
47710	26202	353894	583	5366	0.81	Retail sale of clothing in specialised stores Residential care activities for learning disabilities, mental health, substance abuse
87200	1931	74967	57	4910	3.49	
45200	31381	173433	958	4871	1.50	Maintenance and repair of motor vehicles
47190	10290	220975	280	4863	1.17	Other retail sale in non-specialised stores
84120	4337	184227	88	4844	1.40	Regulation of the activities of providing health care, education, (...)
42990	18535	208438	587	4645	1.19	Construction of other civil engineering projects n.e.c.

Localisation of Industrial Activity across England's LEPs

Table 5.14.3: Top 20 Sectors by LQ 2012 – Heart of the South West

2012 SIC	Top 20 by LQ		Heart of the South West			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
11030	61	1507	17	437	15.42	Manufacture of cider and other fruit wines
10519	71	5479	11	1418	13.77	Manufacture of milk products (not liquid milk and cream, butter, cheese) n.e.c.
10512	153	5836	21	1153	10.51	Butter and cheese production
1250	89	904	16	133	7.83	Growing of other tree and bush fruits and nuts
1420	3169	8291	549	1196	7.67	Raising of other cattle and buffaloes
27520	105	3770	11	477	6.73	Manufacture of non-electric domestic appliances
46210	1112	9950	58	1242	6.64	Wholesale of grain, unmanufactured tobacco, seeds and animal feeds
1410	5334	15220	616	1721	6.01	Raising of dairy cattle
1430	5447	12823	712	1422	5.90	Raising of horses and other equines
55201	714	21003	59	2169	5.49	Holiday centres and villages
8110	470	5567	22	565	5.40	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate
55300	2257	26519	150	2596	5.21	Camping grounds, recreational vehicle parks and trailer parks
46610	1508	14779	92	1138	4.10	Wholesale of agricultural machinery, equipment and supplies
10511	131	7819	14	589	4.01	Liquid milk and cream production
46230	255	1487	11	109	3.90	Wholesale of live animals
32200	252	1029	12	74	3.83	Manufacture of musical instruments
1621	436	2385	25	171	3.81	Farm animal boarding and care
30300	712	84145	28	5941	3.76	Manufacture of air and spacecraft and related machinery
46330	712	13004	29	875	3.58	Wholesale of dairy products, eggs and edible oils and fats
55209	2170	10211	143	676	3.52	Other holiday and other short-stay accommodation (not incl. [...]) n.e.c.
		251728		24102	9.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.14.3: Top 20 Sectors by Jobs 2012 – Heart of the South West

2012 SIC	Top 20 by jobs		Heart of the South West			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	321	28862	1.21	Hospital activities
47110	38907	1001066	717	23873	1.27	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	596	19738	1.05	Primary education
85310	5585	597877	108	12807	1.14	General secondary education
84110	14113	647996	431	12599	1.03	General public administration activities
56302	40012	360425	1241	10649	1.57	Public houses and bars
78200	16131	635836	198	9513	0.80	Temporary employment agency activities
88990	31406	456446	662	8319	0.97	Other social work activities without accommodation n.e.c.
55100	12487	317876	429	7879	1.32	Hotels and similar accommodation
87300	12381	228250	328	7373	1.72	Residential care activities for the elderly and disabled
87900	11619	212267	318	6528	1.64	Other residential care activities
88100	11195	244977	304	6244	1.36	Social work activities without accommodation for the elderly and disabled
30300	712	84145	28	5941	3.76	Manufacture of air and spacecraft and related machinery
47710	24030	356877	554	5810	0.87	Retail sale of clothing in specialised stores
49410	21898	189997	481	5630	1.58	Freight transport by road
56101	29634	326772	662	5461	0.89	Licensed restaurants
47190	12164	238992	293	5441	1.21	Other retail sale in non-specialised stores
41202	28148	207297	875	5105	1.31	Construction of domestic buildings
45200	35631	185758	1050	4922	1.41	Maintenance and repair of motor vehicles
86900	20625	335775	416	4893	0.78	Other human health activities

Localisation of Industrial Activity across England's LEPs

Hertfordshire LEP

The Hertfordshire LEP had 506,673 jobs in total in 2008; of which 189,538 or, 37%, were in the top 20 sectors by employment. By 2012 employment had risen to 531,602; the top 20 sectors now accounted for 217,213 jobs or 41% of the total. In terms of employment, there were several important sectors, including retail; hospital activities; education; and business support activities, such as consultancy (management and computer); and accountancy. The activities of temporary employment agencies were also significant, accounting for around 14,000 jobs in 2008 and 26,000 in 2012.

The sectors of key importance in terms of LQ were quite diverse. They included activities surrounding the renting and leasing of office equipment and conference centres; the wholesale of office and computer equipment; the repair and retail of audio and video equipment and various manufacturing sub-sectors such as pharmaceutical preparations; chemicals and jewellery. Several of the sectors with high LQs employed more than 2,000 people although they fell outside the top 20 sectors in terms of jobs. For example, in 2008 the manufacture of pharmaceutical preparations had an LQ of 5.91 and employed 4,640, however it was not one of the highest employing sectors. The only sector with a high LQ which also had a significant employment contribution was other research and experimental development on natural sciences and engineering, with an LQ of 3.33 and employment of 7,089.

Between 2008 and 2012 the sectors of importance remained largely under the same broad headings as above; by 2012 other research and experimental development on natural sciences and engineering remained the only one to feature in both the top 20 LQs and jobs, however its share had declined. In 2012 total employment in the sector had fallen to 5,666 and the LQ had dropped to 2.86.

Five sectors dropped out of the list of top 20 jobs between 2008 and 2012; the largest of which, hotels and similar accommodation, had around 6,500 jobs. Three of the newly appearing sectors in the 2012 list had fewer than 6,000 jobs whilst the two largest, activities of head offices, and other social work activities had over 8,000 jobs each.

Localisation of Industrial Activity across England's LEPs

Table 5.15.1: Top 20 Sectors by LQ 2008 - Hertfordshire

2008 SIC	Top 20 by LQ		Hertfordshire		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
21200	416	41344	16	4640	5.91	Manufacture of pharmaceutical preparations
77330	412	3909	15	394	5.30	Renting and leasing of office machinery and equipment (incl. comput.)
68202	327	4816	10	378	4.13	Letting and operating of conference and exhibition centres
32120	1012	5389	27	399	3.90	Manufacture of jewellery and related articles
46660	1176	17814	40	1212	3.58	Wholesale of other office machinery and equipment
33130	179	3024	10	204	3.55	Repair of electronic and optical equipment
59112	795	2639	20	175	3.49	Video production activities
46440	510	5007	24	332	3.49	Wholesale of china and glassware and cleaning materials
72190	3521	112000	110	7089	3.33	Other research and experimental development on sciences and eng'ing
1300	558	4252	16	253	3.13	Plant propagation
64209	2327	14778	65	875	3.12	Activities of other holding companies (not incl. [...]) n.e.c.
74203	969	4372	25	257	3.09	Film processing
46510	2663	49043	127	2871	3.08	Wholesale of computers, computer peripheral equipment and software
47540	4722	51648	163	2927	2.98	Retail sale of electrical household appliances in specialised stores
46711	688	9634	13	542	2.96	Wholesale of petroleum and petroleum products Wholesale of radio and [TV] goods and of elec. household appliances (not [...])
46439	2150	21972	83	1224	2.93	Agents specialised in the sale of other particular products
46180	3423	16192	113	896	2.91	Agents specialised in the sale of other particular products
46360	472	5271	15	279	2.79	Wholesale of sugar and chocolate and sugar confectionery
82301	1472	8464	57	438	2.72	Activities of exhibition and fair organizers
47430	1626	9067	29	466	2.71	Retail sale of audio and video equipment in specialised stores
		390635		25851	6.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.15.2: Top 20 Sectors by Jobs 2008 - Hertfordshire

2008 SIC	Top 20 by jobs		Hertfordshire		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
47110	34592	953306	514	23806	1.31	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	554	18573	1.06	Primary education
86101	5120	1193554	71	14753	0.65	Hospital activities
78200	29767	669737	494	13632	1.07	Temporary employment agency activities
85310	5732	547903	117	13432	1.29	General secondary education
81210	28775	402194	692	9599	1.26	General cleaning of buildings
62020	55563	232129	2970	8986	2.04	Computer consultancy activities
70229	96342	307793	3181	8866	1.52	Management consultancy activities (other than financial management)
47710	26202	353894	496	8306	1.24	Retail sale of clothing in specialised stores
84110	12364	657299	149	7991	0.64	General public administration activities
61900	7735	189610	249	7342	2.04	Other telecommunications activities
56302	48502	391162	819	7099	0.96	Public houses and bars
72190	3521	112000	110	7089	3.33	Other research and experimental development on sciences and eng'ing
55100	12377	313180	137	6419	1.08	Hotels and similar accommodation
78109	20390	226652	313	5993	1.39	Activities of employment placement agencies (other than [...])
69201	30218	195786	1008	5874	1.58	Accounting, and auditing activities
42990	18535	208438	434	5721	1.44	Construction of other civil engineering projects n.e.c.
43210	32719	203969	849	5474	1.41	Electrical installation Operation of warehousing and storage facilities for land transport act. of (...)
52103	5366	138029	111	5452	2.08	
82990	72283	252302	1985	5131	1.07	Other business support service activities n.e.c.

Localisation of Industrial Activity across England's LEPs

Table 5.15.3: Top 20 Sectors by LQ 2012 - Hertfordshire

2012 SIC	Top 20 by LQ		Hertfordshire		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
77400	443	1673	18	534	15.94	Leasing of intellectual property and similar products, except copyrighted works
46440	484	6683	21	1041	7.78	Wholesale of china and glassware and cleaning materials
21200	508	36303	15	3556	4.89	Manufacture of pharmaceutical preparations
64910	541	4744	22	420	4.42	Financial leasing
32120	963	4925	27	420	4.26	Manufacture of jewellery and related articles
46460	2438	60650	122	4999	4.12	Wholesale of pharmaceutical goods
47910	11028	66001	331	5306	4.01	Retail sale via mail order houses or via Internet
46510	2508	41554	119	3071	3.69	Wholesale of computers, computer peripheral equipment and software
46431	392	3847	20	277	3.60	Wholesale of [audio/video records] and of the equip. on which these are played
61100	994	5843	40	380	3.25	Wired telecommunications activities
46180	4023	16306	149	1055	3.23	Agents specialised in the sale of other particular products
20590	555	14308	10	894	3.12	Manufacture of other chemical products n.e.c.
46660	1246	18724	53	1119	2.98	Wholesale of other office machinery and equipment
72190	3464	98848	87	5666	2.86	Other research and experimental development on sciences and eng'ing
46711	650	10853	15	604	2.78	Wholesale of petroleum and petroleum products
77291	389	2068	13	113	2.73	Renting and leasing of media entertainment equipment
46360	491	6465	20	353	2.73	Wholesale of sugar and chocolate and sugar confectionery
47430	957	5006	20	272	2.71	Retail sale of audio and video equipment in specialised stores
46439	1831	25071	83	1283	2.56	Wholesale of radio and [TV] goods and of elec. household appliances (not [...])
68202	345	8189	12	418	2.55	Letting and operating of conference and exhibition centres
		438061		31781	7.3%	Top 20 LEP SICs % of GB SIC jobs

Table 5.15.4: Top 20 Sectors by Jobs 2012 - Hertfordshire

2012 SIC	Top 20 by jobs		Hertfordshire		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
47110	38907	1001066	585	28686	1.43	Retail sale in non-specialised stores with food, beverages or tobacco (...)
78200	16131	635836	436	26095	2.05	Temporary employment agency activities
85200	25303	1000063	507	19501	0.97	Primary education
81210	24563	383804	614	16220	2.11	General cleaning of buildings
86101	5649	1265215	39	14568	0.58	Hospital activities
85310	5585	597877	183	13175	1.10	General secondary education
70229	106896	320672	3752	11105	1.73	Management consultancy activities (other than financial management)
62020	67949	273313	2569	9953	1.82	Computer consultancy activities
70100	4831	183422	139	8853	2.41	Activities of head offices
88990	31406	456446	512	8493	0.93	Other social work activities without accommodation n.e.c.
69201	29788	204216	882	7387	1.81	Accounting, and auditing activities
47710	24030	356877	439	7027	0.98	Retail sale of clothing in specialised stores
56302	40012	360425	722	6799	0.94	Public houses and bars
82990	62198	244480	1592	6285	1.28	Other business support service activities n.e.c.
72190	3464	98848	87	5666	2.86	Other research and experimental development on sciences and eng'ing
61900	8814	173701	272	5595	1.61	Other telecommunications activities
84110	14113	647996	153	5594	0.43	General public administration activities
56210	17371	196669	731	5477	1.39	Event catering activities
41202	28148	207297	714	5393	1.30	Construction of domestic buildings
47190	12164	238992	212	5341	1.12	Other retail sale in non-specialised stores

Localisation of Industrial Activity across England's LEPs

Humber LEP

The Humber LEP had 376,239 jobs in total in 2008; of which 136,582 or, 36%, were in the top 20 sectors by employment. By 2012 employment had fallen to 367,167; the top 20 sectors now accounted for 144,930 jobs or 39% of the total. In terms of employment, the public sectors of hospital and other social and residential activities; education; and public administration were most important. Other key service sectors included retail, freight transport; and bars and restaurants whilst the only primary sector of importance was the processing and preserving of fish.

In terms of LQ there were three main sectors, namely 1) those related to transport, including the manufacture of caravans and trailers; 2) coastal related activities such as mineral oil refining; marine fishing; sea and coastal transportation and the processing and preserving of fish; and 3) the production and retail of agricultural products.

Few of the sectors with high LQs employed significant numbers of people; the exceptions were the manufacture of caravans, and the processing and preserving of fish, crustaceans and molluscs. In 2008 the former had an LQ of 42.09 and employed 3,394; the latter had an LQ of 18.49 and employed 4,085. By 2012 both were the top two sectors by LQ, although the manufacture of caravans was no longer in the top 20 sectors by employment, despite employing 2,529 people.

Between 2008 and 2012 the sectors of importance remained largely under the same broad headings as above; with hospital activities moving into the top position for employment, with 19,638 jobs, up from 15,341 in 2008. Primary education had moved from first to third place, with employment falling from 16,276 to 15,717.

Localisation of Industrial Activity across England's LEPs

Table 5.16.1: Top 20 Sectors by LQ 2008 - Humber

2008 SIC	Top 20 by LQ		Humber		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
29203	183	5715	31	3394	42.09	Manufacture of caravans
19201	192	9356	12	2481	18.80	Mineral oil refining
10200	367	15661	61	4085	18.49	Processing and preserving of fish, crustaceans and molluscs
1460	684	3228	72	718	15.77	Raising of swine/pigs
20150	106	2567	11	393	10.85	Manufacture of fertilisers and nitrogen compounds
86220	1375	10431	24	1102	7.49	Specialist medical practice activities
52220	935	20571	33	1776	6.12	Service activities incidental to water transportation
29202	301	8093	19	643	5.63	Manufacture of trailers and semi-trailers
1130	6102	33876	272	2590	5.42	Growing of vegetables and melons, roots and tubers
46380	1706	16650	127	1196	5.09	Wholesale of other food, including fish, crustaceans and molluscs
3110	1463	3905	71	268	4.86	Marine fishing
52242	213	4712	14	297	4.47	Cargo handling for air transport activities of division 51
47230	909	2367	81	147	4.40	Retail sale of fish, crustaceans and molluscs in specialised stores
1110	8134	29256	458	1778	4.31	Growing of cereals (except rice), leguminous crops and oil seeds
10120	150	17031	10	1008	4.19	Processing and preserving of poultry meat
50200	697	8324	32	478	4.07	Sea and coastal freight water transport
28960	1240	16059	21	853	3.76	Manufacture of plastics and rubber machinery
10130	725	45263	16	2222	3.48	Production of meat and poultry meat products
1160	608	1973	28	96	3.45	Growing of fibre crops
23700	1096	7015	17	320	3.23	Cutting, shaping and finishing of stone
		262053		25845	9.9%	Top 20 LEP SICs % of GB SIC jobs

Table 5.16.2: Top 20 Sectors by Jobs 2008 – Humber

2008 SIC	Top 20 by jobs		Humber		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
85200	27278	919909	413	16276	1.25	Primary education
47110	34592	953306	600	15713	1.17	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5120	1193554	49	15341	0.91	Hospital activities
84110	12364	657299	460	11204	1.21	General public administration activities
78200	29767	669737	167	8996	0.95	Temporary employment agency activities
85310	5732	547903	69	8141	1.05	General secondary education
88990	31875	449586	633	7288	1.15	Other social work activities without accommodation n.e.c.
49410	23658	246603	718	7026	2.02	Freight transport by road
56302	48502	391162	814	6370	1.15	Public houses and bars
86102	3530	142814	46	4508	2.24	Medical nursing home activities
87900	12010	216666	188	4470	1.46	Other residential care activities
84240	3018	274005	51	4189	1.08	Public order and safety activities
10200	367	15661	61	4085	18.49	Processing and preserving of fish, crustaceans and molluscs
47710	26202	353894	371	3768	0.75	Retail sale of clothing in specialised stores
87300	11996	213537	172	3443	1.14	Residential care activities for the elderly and disabled
29203	183	5715	31	3394	42.09	Manufacture of caravans
43210	32719	203969	610	3347	1.16	Electrical installation
86900	13758	279816	186	3151	0.80	Other human health activities
42990	18535	208438	291	2953	1.00	Construction of other civil engineering projects n.e.c.
41202	24979	214682	405	2919	0.96	Construction of domestic buildings

Localisation of Industrial Activity across England's LEPs

Table 5.16.3: Top 20 Sectors by LQ 2012 - Humber

2012 SIC	Top 20 by LQ		Humber		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
29203	112	3931	22	2529	46.52	Manufacture of caravans
10200	369	13897	56	3165	16.47	Processing and preserving of fish, crustaceans and molluscs
20150	100	2183	10	420	13.91	Manufacture of fertilisers and nitrogen compounds
1460	759	3656	78	470	9.30	Raising of swine/pigs
10920	157	4946	11	462	6.75	Manufacture of prepared pet foods
52220	967	21838	39	1911	6.33	Service activities incidental to water transportation
46380	1529	16202	113	1401	6.25	Wholesale of other food, including fish, crustaceans and molluscs
52241	110	1862	10	147	5.71	Cargo handling for water transport activities of division 50
47230	876	2478	76	187	5.46	Retail sale of fish, crustaceans and molluscs in specialised stores
1130	5246	38162	241	2789	5.28	Growing of vegetables and melons, roots and tubers
29202	232	5525	10	387	5.06	Manufacture of trailers and semi-trailers
31020	963	12878	21	781	4.38	Manufacture of kitchen furniture
10120	145	17980	11	1060	4.26	Processing and preserving of poultry meat
1110	9040	40346	483	2064	3.70	Growing of cereals (except rice), leguminous crops and oil seeds
8120	708	7870	21	396	3.64	Operation of gravel and sand pits; mining of clays and kaolin
81222	1075	10962	25	543	3.58	Specialised cleaning services
18130	1683	10565	20	514	3.52	Pre-press and pre-media services
33120	2199	28141	60	1348	3.46	Repair of machinery
46220	871	7618	17	363	3.45	Wholesale of flowers and plants
1190	513	5347	18	254	3.43	Growing of other non-perennial crops
		256387		21191	8.3%	Top 20 LEP SICs % of GB SIC jobs

Table 5.16.4: Top 20 Sectors by Jobs 2012 - Humber

2012 SIC	Top 20 by jobs		Humber		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
86101	5649	1265215	78	19638	1.12	Hospital activities
47110	38907	1001066	614	16588	1.20	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	370	15717	1.14	Primary education
84110	14113	647996	524	13111	1.46	General public administration activities
78200	16131	635836	159	9203	1.05	Temporary employment agency activities
85310	5585	597877	68	9048	1.09	General secondary education
88990	31406	456446	568	6829	1.08	Other social work activities without accommodation n.e.c.
49410	21898	189997	695	6236	2.37	Freight transport by road
86900	20625	335775	339	5969	1.29	Other human health activities
56302	40012	360425	662	5535	1.11	Public houses and bars
87900	11619	212267	207	4836	1.65	Other residential care activities
85320	3376	190122	66	4343	1.65	Technical and vocational secondary education
88100	11195	244977	152	3982	1.18	Social work activities without accommodation for the elderly and disabled
84240	2939	269548	67	3915	1.05	Public order and safety activities
47710	24030	356877	343	3791	0.77	Retail sale of clothing in specialised stores
87300	12381	228250	168	3650	1.16	Residential care activities for the elderly and disabled
47190	12164	238992	195	3260	0.99	Other retail sale in non-specialised stores
10200	369	13897	56	3165	16.47	Processing and preserving of fish, crustaceans and molluscs
45200	35631	185758	664	3158	1.23	Maintenance and repair of motor vehicles
56101	29634	326772	304	2956	0.65	Licensed restaurants

Localisation of Industrial Activity across England's LEPs

Lancashire LEP

The Lancashire LEP had 454,149 jobs in total in 2008; of which 158,563 or, 34%, were in the top 20 sectors by employment. By 2012 employment had fallen to 451,851; the top 20 sectors now accounted for 176,339 jobs or 39% of the total. In terms of employment, sub-sectors of the public sector were key, such as hospital and other health and residential activities; education; and public administration and social security activities. Retail also featured highly, as did a range of service sectors to include the cleaning of buildings; hotels and restaurants, freight transport, activities of employment agencies and construction and engineering design.

In terms of LQs the picture was the opposite, with the majority of those in the top twenty in the manufacturing sector. The manufacture of textile related products was particularly concentrated in Lancashire, with the manufacture of textiles and related products; weaving and production of machinery for textiles accounting for around half of the top twenty sectors. Other top sectors in 2008 included the growing of crops; engineering design and social security activities, whilst the manufacture of air and spacecraft; telegraph equipment; ice cream and furniture had also moved into the top 20 by 2012.

None of the manufacturing sectors in 2008 were in the top twenty sectors for employment, and in fact none employed more than 2,000 people. In 2008 the only sectors with both a high LQ and high employment were engineering design activities for industrial process and production; and compulsory social security activities. The former of these had an LQ of 8.51 and employed 5,411 people in 2008 whilst the latter had an LQ of 3.64 and employed 6,060 people. By 2012 neither of these appeared in either of the top twenty lists.

In 2012 the only sector with a high LQ and high employment was the manufacture of air and spacecraft and related machinery; with an LQ of 7.71 and total employment of 11,048. This sector had not previously been in the top twenty by jobs in 2008.

Localisation of Industrial Activity across England's LEPs

Between 2008 and 2012 the sectors of importance remained largely under the same broad headings as above, with hospital activities, retail sale in non-specialised stores with food, beverages or tobacco predominating; and primary education all taking the top 3 spots, each with employment of at least 17,000.

Localisation of Industrial Activity across England's LEPs

Table 5.17.1: Top 20 Sectors by LQ 2008 - Lancashire

2008 SIC	Top 20 by LQ		Lancashire		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
1190	580	4740	26	747	9.25	Growing of other non-perennial crops
71121	5751	37325	89	5411	8.51	Engineering design activities for industrial process and production
13990	421	5164	22	620	7.05	Manufacture of other textiles n.e.c.
13200	242	7320	18	805	6.46	Weaving of textiles
28940	198	2222	14	239	6.32	Manufacture of machinery for textile, apparel and leather production
10110	330	17386	12	1656	5.59	Processing and preserving of meat
13931	101	3380	13	320	5.56	Manufacture of woven or tufted carpets and rugs
13923	431	9000	20	836	5.45	Manufacture of household textiles (other than soft furnishings of 13.92/1)
27900	703	9122	12	834	5.37	Manufacture of other electrical equipment
15200	247	4280	12	358	4.91	Manufacture of footwear
14120	325	4929	11	351	4.18	Manufacture of workwear
20160	569	15289	26	1069	4.11	Manufacture of plastics in primary forms
46410	2223	14666	73	969	3.88	Wholesale of textiles
31010	1048	19899	17	1253	3.70	Manufacture of office and shop furniture
84300	1324	97878	37	6060	3.64	Compulsory social security activities
13300	592	6914	21	413	3.51	Finishing of textiles
55209	1754	7687	21	451	3.45	Other holiday and other short-stay accommodation (not incl. [...]) n.e.c.
20420	425	15998	10	931	3.42	Manufacture of perfumes and toilet preparations
29202	301	8093	15	456	3.31	Manufacture of trailers and semi-trailers
1410	3770	9302	182	466	2.94	Raising of dairy cattle
		300594		24245	8.1%	Top 20 LEP SICs % of GB SIC jobs

Table 5.17.2: Top 20 Sectors by Jobs 2008 - Lancashire

2008 SIC	Top 20 by jobs		Lancashire		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
86101	5120	1193554	98	20911	1.03	Hospital activities
47110	34592	953306	696	17742	1.09	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	569	14996	0.96	Primary education
84110	12364	657299	184	11048	0.99	General public administration activities
85421	1628	366035	20	8471	1.36	First-degree level higher education
81210	28775	402194	313	8226	1.20	General cleaning of buildings
56302	48502	391162	1023	8140	1.22	Public houses and bars
85310	5732	547903	106	7383	0.79	General secondary education
86900	13758	279816	300	6645	1.39	Other human health activities
84300	1324	97878	37	6060	3.64	Compulsory social security activities
78200	29767	669737	226	5690	0.50	Temporary employment agency activities
47710	26202	353894	473	5641	0.94	Retail sale of clothing in specialised stores
71121	5751	37325	89	5411	8.51	Engineering design activities for industrial process and production
49410	23658	246603	561	5278	1.26	Freight transport by road
55100	12377	313180	181	4928	0.92	Hotels and similar accommodation
87300	11996	213537	287	4897	1.35	Residential care activities for the elderly and disabled
88990	31875	449586	461	4459	0.58	Other social work activities without accommodation n.e.c.
84240	3018	274005	37	4446	0.95	Public order and safety activities
64191	15467	412985	228	4102	0.58	Banks
41202	24979	214682	535	4089	1.12	Construction of domestic buildings

Localisation of Industrial Activity across England's LEPs

Table 5.17.3: Top 20 Sectors by LQ 2012 - Lancashire

2012 SIC	Top 20 by LQ		Lancashire		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
15200	212	3620	12	601	9.75	Manufacture of footwear
30300	712	84145	23	11048	7.71	Manufacture of air and spacecraft and related machinery
13200	210	5547	15	609	6.45	Weaving of textiles
20160	402	10268	21	1037	5.93	Manufacture of plastics in primary forms
13300	655	6488	20	621	5.62	Finishing of textiles
26301	1115	12880	15	1202	5.48	Manufacture of telegraph and telephone apparatus and equipment
10520	238	3051	11	282	5.43	Manufacture of ice cream
13923	340	5716	18	513	5.27	Manufacture of household textiles (other than soft furnishings of 13.92/1)
82911	600	11386	24	932	4.81	Activities of collection agencies
14120	297	3256	11	229	4.13	Manufacture of workwear
31010	851	17133	20	1131	3.88	Manufacture of office and shop furniture
46230	255	1487	11	89	3.52	Wholesale of live animals
13990	282	2176	14	120	3.24	Manufacture of other textiles n.e.c.
55209	2170	10211	22	544	3.13	Other holiday and other short-stay accommodation (not incl. [...]) n.e.c.
46470	2037	16219	48	849	3.08	Wholesale of furniture, carpets and lighting equipment
29202	232	5525	14	280	2.98	Manufacture of trailers and semi-trailers
74901	1575	5689	28	278	2.87	Environmental consulting activities
46410	2035	13677	56	649	2.79	Wholesale of textiles
31090	3531	35770	92	1681	2.76	Manufacture of other furniture
1190	513	5347	17	251	2.76	Growing of other non-perennial crops
		259591		22946	8.8%	Top 20 LEP SICs % of GB SIC jobs

Table 5.17.4: Top 20 Sectors by Jobs 2012 - Lancashire

2012 SIC	Top 20 by jobs		Lancashire		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
86101	5649	1265215	239	22788	1.06	Hospital activities
85200	25303	1000063	553	18054	1.06	Primary education
47110	38907	1001066	732	17745	1.04	Retail sale in non-specialised stores with food, beverages or tobacco (...)
88990	31406	456446	533	12601	1.62	Other social work activities without accommodation n.e.c.
30300	712	84145	23	11048	7.71	Manufacture of air and spacecraft and related machinery
85310	5585	597877	117	9943	0.98	General secondary education
84110	14113	647996	184	8755	0.79	General public administration activities
85421	1586	388819	10	8142	1.23	First-degree level higher education
81210	24563	383804	350	7822	1.20	General cleaning of buildings
88100	11195	244977	235	7620	1.83	Social work activities without accommodation for the elderly and disabled
56302	40012	360425	798	7386	1.20	Public houses and bars
78200	16131	635836	178	6259	0.58	Temporary employment agency activities
86900	20625	335775	432	5548	0.97	Other human health activities
47710	24030	356877	372	5428	0.89	Retail sale of clothing in specialised stores
87300	12381	228250	294	5087	1.31	Residential care activities for the elderly and disabled
85320	3376	190122	43	4584	1.42	Technical and vocational secondary education
87100	4704	204756	129	4565	1.31	Residential nursing care activities
84240	2939	269548	38	4564	0.99	Public order and safety activities
55100	12487	317876	173	4225	0.78	Hotels and similar accommodation
49410	21898	189997	491	4175	1.29	Freight transport by road

Localisation of Industrial Activity across England's LEPs

Leeds City Region LEP

The Leeds City Region LEP had 1,295,432 jobs in total in 2008; of which 461,450 or, 36%, were in the top 20 sectors by jobs. By 2012 employment had fallen to 1,264,544; the top 20 sectors now accounted for 477,062 jobs or 38% of the total. In terms of employment hospital activities; health and social work activities; education; public administration and public order and safety activities were important. The service sectors which were large employers included retail; employment agency activities; banks; call centres; hotels and restaurants and public houses and bars.

In terms of LQ the top twenty was dominated by the manufacturing sector; the manufacture of textile and related products, such as fibres, dye, rugs, outerwear and mattresses was particularly important. Other top manufacturing sectors, in both years, included publishing, and the manufacture of metal forming machinery; fabricated metal products and fasteners; fluid power equipment; sugar confectionary and kitchen furniture.

Due to the sheer size of employment in the LEP none of the manufacturing sectors in 2008 were in the top twenty sectors for employment, despite some relatively high employment figures, for example publishing employed 7,043 and the preparation and spinning of textile fibres employed 2,965.

In 2008 the only sector with both a high LQ and high employment was the activities of call centres, with an LQ of 4.19 and total employment of 16,692. This sector did not feature in either top twenty in 2012, and in fact none of the sectors in the top twenty LQs in 2012 was in the top twenty by employment.

Between 2008 and 2012 the sectors of importance remained largely under the same broad headings as above, with few exceptions. As mentioned above, the activities of call centres was no longer in the top twenty employers (despite employing 17,000 in 2008), nor was freight transport by road (14,000 jobs in 2008); nor regulation of the activities of providing health care, education, etc. (12,000 jobs in 2008). In their place were activities of head offices; licensed restaurants; and residential care activities for the elderly and disabled, each with employment of 11,000-12,000.

Localisation of Industrial Activity across England's LEPs

Table 5.18.1: Top 20 Sectors by LQ 2008 – Leeds City Region

2008 SIC	Top 20 by LQ		Leeds City Region		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
13100	156	4884	59	2965	12.50	Preparation and spinning of textile fibres
58190	3435	23264	122	7043	6.23	Other publishing activities
13200	242	7320	69	2048	5.76	Weaving of textiles
28940	198	2222	33	618	5.73	Manufacture of machinery for textile, apparel and leather production
46120	863	5792	34	1571	5.58	Agents involved in the sale of fuels, ores, metals and industrial chemicals
46110	487	3070	29	782	5.24	Agents involved in the sale of agric. raw materials, live animals, textile (...)
20120	87	5894	12	1421	4.96	Manufacture of dyes and pigments
13931	101	3380	16	814	4.96	Manufacture of woven or tufted carpets and rugs
80300	284	809	10	178	4.53	Investigation activities
28410	385	5008	35	1096	4.51	Manufacture of metal forming machinery
28120	164	6668	15	1422	4.39	Manufacture of fluid power equipment
10822	173	7493	15	1537	4.22	Manufacture of sugar confectionery
82200	893	81990	119	16692	4.19	Activities of call centres
31020	991	14520	61	2843	4.03	Manufacture of kitchen furniture
95240	602	5069	38	917	3.72	Repair of furniture and home furnishings
19209	103	2633	13	460	3.60	Other treatment of petroleum products (excl. mineral oil refining/[...])
14131	429	3450	36	576	3.44	Manufacture of men's outerwear, other than leather clothes and workwear
31030	116	7625	32	1238	3.34	Manufacture of mattresses
13939	92	2970	14	445	3.08	Manufacture of carpets and rugs (other than woven or tufted) n.e.c.
13923	431	9000	45	1333	3.05	Manufacture of household textiles (other than soft furnishings of 13.92/1)
		203061		45999	22.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.18.2: Top 20 Sectors by Jobs 2008 – Leeds City Region

2008 SIC	Top 20 by jobs		Leeds City Region		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
47110	34592	953306	1474	52222	1.13	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5120	1193554	251	48839	0.84	Hospital activities
85200	27278	919909	1170	45815	1.03	Primary education
78200	29767	669737	745	32464	1.00	Temporary employment agency activities
85310	5732	547903	255	29768	1.12	General secondary education
84110	12364	657299	420	25775	0.81	General public administration activities
85421	1628	366035	54	25400	1.43	First-degree level higher education
64191	15467	412985	809	22715	1.13	Banks
88990	31875	449586	1406	20573	0.94	Other social work activities without accommodation n.e.c.
56302	48502	391162	2576	19072	1.00	Public houses and bars
47710	26202	353894	1227	17302	1.01	Retail sale of clothing in specialised stores
82200	893	81990	119	16692	4.19	Activities of call centres
81210	28775	402194	1193	15046	0.77	General cleaning of buildings
86900	13758	279816	536	14109	1.04	Other human health activities
49410	23658	246603	2207	13927	1.16	Freight transport by road
55100	12377	313180	418	12483	0.82	Hotels and similar accommodation
41202	24979	214682	1097	12437	1.19	Construction of domestic buildings
84240	3018	274005	107	12362	0.93	Public order and safety activities
52103	5366	138029	332	12241	1.83	Operation of warehousing and storage facilities for land transport act. of (...)
84120	4337	184227	192	12208	1.36	Regulation of the activities of providing health care, education, (...)

Localisation of Industrial Activity across England's LEPs

Table 5.18.3: Top 20 Sectors by LQ 2012 – Leeds City Region

2012 SIC	Top 20 by LQ		Leeds City Region		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
13100	135	3286	52	1911	12.21	Preparation and spinning of textile fibres
58190	2490	19921	80	6071	6.40	Other publishing activities
13931	76	2922	14	879	6.32	Manufacture of woven or tufted carpets and rugs
13200	210	5547	59	1579	5.98	Weaving of textiles
10822	164	6058	19	1569	5.44	Manufacture of sugar confectionery
31030	125	5682	46	1418	5.24	Manufacture of mattresses
13939	63	1983	13	465	4.92	Manufacture of carpets and rugs (other than woven or tufted) n.e.c.
33110	517	5749	26	1313	4.79	Repair of fabricated metal products
46110	490	3587	29	796	4.66	Agents involved in the sale of agric. raw materials, live animals, textile (...)
13990	282	2176	25	429	4.14	Manufacture of other textiles n.e.c.
19209	90	2330	12	452	4.07	Other treatment of petroleum products (excl. mineral oil refining/[...])
28410	339	5087	28	984	4.06	Manufacture of metal forming machinery
28150	271	9208	25	1767	4.03	Manufacture of bearings, gears, gearing and driving elements
31020	963	12878	54	2399	3.91	Manufacture of kitchen furniture
13923	340	5716	37	1024	3.76	Manufacture of household textiles (other than soft furnishings of 13.92/1)
28940	141	1307	26	229	3.68	Manufacture of machinery for textile, apparel and leather production
13300	655	6488	74	1043	3.37	Finishing of textiles
25940	181	4528	12	686	3.18	Manufacture of fasteners and screw machine products
47749	918	4181	56	633	3.18	Retail sale of medical and orthopaedic goods (other than hearing aids) n.e.c.,(...)
46640	141	837	27	120	3.01	Wholesale of machinery for the textile industry and of sewing, knitting machines
		109471		25767	23.5%	Top 20 LEP SICs % of GB SIC jobs

Table 5.18.4: Top 20 Sectors by Jobs 2012 – Leeds City Region

2012 SIC	Top 20 by jobs		Leeds City Region		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
86101	5649	1265215	224	58962	0.98	Hospital activities
85200	25303	1000063	1166	51207	1.07	Primary education
47110	38907	1001066	1647	43817	0.92	Retail sale in non-specialised stores with food, beverages or tobacco (...)
78200	16131	635836	634	33540	1.11	Temporary employment agency activities
84110	14113	647996	670	30779	1.00	General public administration activities
64191	11082	408711	496	28890	1.48	Banks
85310	5585	597877	230	28606	1.00	General secondary education
88990	31406	456446	1333	24261	1.12	Other social work activities without accommodation n.e.c.
85421	1586	388819	48	23529	1.27	First-degree level higher education
86900	20625	335775	988	18489	1.16	Other human health activities
56302	40012	360425	2068	16846	0.98	Public houses and bars
47710	24030	356877	1083	16646	0.98	Retail sale of clothing in specialised stores
81210	24563	383804	1079	15925	0.87	General cleaning of buildings
52103	5872	196036	260	15116	1.62	Operation of warehousing and storage facilities for land transport act. of (...)
70100	4831	183422	210	12361	1.41	Activities of head offices
84240	2939	269548	96	11891	0.93	Public order and safety activities
56101	29634	326772	1058	11860	0.76	Licensed restaurants
55100	12487	317876	405	11794	0.78	Hotels and similar accommodation
87300	12381	228250	531	11361	1.04	Residential care activities for the elderly and disabled
41202	28148	207297	1141	11182	1.13	Construction of domestic buildings

Localisation of Industrial Activity across England's LEPs

Leicester and Leicestershire LEP

The Leicester and Leicestershire LEP had 423,773 jobs in total in 2008; of which 152,941 or, 36%, were in the top 20 sectors by jobs. By 2012 employment had fallen to 421,730; the top 20 sectors now accounted for 161,222 jobs or 38% of the total. The sectors of key importance in terms of employment included hospital activities; retail and education. The activities of temporary employment agencies was also responsible for a considerable number of jobs, as were banks; freight transport by road; public houses and bars, social work and the activities of head offices.

In contrast, in terms of LQ the top twenty was dominated by the manufacturing sector. The top three sectors by LQ in 2008 all involved the manufacture of knitted apparel (all were also in the top four in 2012); whilst other sectors particularly concentrated in the region included the manufacture of other textile products; meat products; bricks; machinery for concrete crushing ; rubber; and household and sanitary products. Activities concerned with quarrying and mining were the only primary industries to feature. None of the sectors in the top twenty LQs were in the list of top twenty by employment, in either 2008 or 2012. In fact, most of the manufacturing sectors had employment of 2,000 or less with the exception of the production of meat and poultry meat products. This sector had a total employment of 3,158 in 2008, but this had fallen to 1,885 in 2012.

Between 2008 and 2012 there were few changes to the list of sectors which comprised the top twenty by LQ, for example those that replaced the sectors that had dropped out were also largely in manufacturing. In terms of employment there were also few changes, with hospital activities remaining as the top employer with around 18,000 jobs. One of the notable changes was that the activities of temporary employment agencies had moved from fourth place in 2008 to second place in 2012, with employment rising from 11,614 to 16,204.

Localisation of Industrial Activity across England's LEPs

Table 5.19.1: Top 20 Sector by LQ 2008 – Leicester and Leicestershire

2008 SIC	Top 20 by LQ		Leicester and Leicestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
14310	73	1606	41	971	38.05	Manufacture of knitted and crocheted hosiery
13910	113	1797	40	477	16.70	Manufacture of knitted and crocheted fabrics
14390	232	4738	67	988	13.12	Manufacture of other knitted and crocheted apparel
28923	113	4072	10	758	11.71	Manufacture of equipment for concrete crushing and screening roadworks
14142	153	1924	23	302	9.88	Manufacture of women's underwear
64203	395	1988	10	308	9.75	Activities of construction holding companies
46640	195	1310	18	197	9.46	Wholesale of machinery for the textile industry and of sewing, knitting machines
95120	243	1730	10	252	9.17	Repair of communication equipment
14190	1413	10471	214	1525	9.16	Manufacture of other wearing apparel and accessories
25940	209	5127	15	639	7.84	Manufacture of fasteners and screw machine products
13300	592	6914	64	832	7.57	Finishing of textiles
23320	255	7901	10	872	6.95	Manufacture of bricks, tiles and construction products, in baked clay
17220	111	6765	13	734	6.83	Manufacture of household and sanitary goods and of toilet requisites
14132	1220	9719	116	979	6.34	Manufacture of women's outerwear, other than leather clothes and workwear
28940	198	2222	28	217	6.15	Manufacture of machinery for textile, apparel and leather production
15200	247	4280	26	408	6.00	Manufacture of footwear
8120	873	11776	13	1062	5.68	Operation of gravel and sand pits; mining of clays and kaolin
33140	459	10750	14	934	5.47	Repair of electrical equipment
22190	608	17142	17	1306	4.79	Manufacture of other rubber products
10130	725	45263	23	3158	4.39	Production of meat and poultry meat products
		157495		16919	10.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.19.2: Top 20 Sector by Jobs 2008 – Leicester and Leicestershire

2008 SIC	Top 20 by jobs		Leicester and Leicestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	104	18132	0.96	Hospital activities
47110	34592	953306	487	17516	1.16	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	412	12725	0.87	Primary education
78200	29767	669737	224	11614	1.09	Temporary employment agency activities
85421	1628	366035	14	10109	1.74	First-degree level higher education
84110	12364	657299	196	9022	0.86	General public administration activities
64191	15467	412985	334	7215	1.10	Banks
85310	5732	547903	83	7000	0.80	General secondary education
43220	21691	134474	394	6424	3.01	Plumbing, heat and air-conditioning installation
49410	23658	246603	559	6312	1.61	Freight transport by road
56302	48502	391162	823	5965	0.96	Public houses and bars
88990	31875	449586	432	5885	0.82	Other social work activities without accommodation n.e.c.
85410	1580	117027	49	5240	2.82	Post-secondary non-tertiary education
47710	26202	353894	366	5200	0.92	Retail sale of clothing in specialised stores
52103	5366	138029	123	5150	2.35	Operation of warehousing and storage facilities for land transport act. of (...)
78109	20390	226652	101	4070	1.13	Activities of employment placement agencies (other than [...])
87300	11996	213537	174	3994	1.18	Residential care activities for the elderly and disabled
84120	4337	184227	82	3862	1.32	Regulation of the activities of providing health care, education, (...)
70100	2001	94779	33	3756	2.49	Activities of head offices
81210	28775	402194	318	3750	0.59	General cleaning of buildings

Localisation of Industrial Activity across England's LEPs

Table 5.19.3: Top 20 Sectors by LQ 2012 – Leicester and Leicestershire

2012 SIC	Top 20 by LQ		Leicester and Leicestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
14310	51	1155	24	588	32.05	Manufacture of knitted and crocheted hosiery
13910	80	1077	30	262	15.31	Manufacture of knitted and crocheted fabrics
46640	141	837	14	144	10.83	Wholesale of machinery for the textile industry and of sewing, knitting machines
14390	189	3237	43	546	10.62	Manufacture of other knitted and crocheted apparel
14190	955	6504	125	1097	10.62	Manufacture of other wearing apparel and accessories
13300	655	6488	89	1082	10.50	Finishing of textiles
14132	1303	8525	137	1345	9.93	Manufacture of women's outerwear, other than leather clothes and workwear
28940	141	1307	19	183	8.81	Manufacture of machinery for textile, apparel and leather production
23320	200	4911	12	598	7.67	Manufacture of bricks, tiles and construction products, in baked clay
96040	987	5567	13	484	5.47	Physical well-being activities
14142	116	1415	14	120	5.34	Manufacture of women's underwear
8110	470	5567	10	459	5.19	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate
23610	618	13743	23	1033	4.73	Manufacture of concrete products for construction purposes
22190	602	15822	16	1138	4.53	Manufacture of other rubber products
10890	690	26434	21	1848	4.40	Manufacture of other food products n.e.c.
14131	568	2888	32	190	4.14	Manufacture of men's outerwear, other than leather clothes and workwear
13990	282	2176	25	142	4.11	Manufacture of other textiles n.e.c.
46760	1572	15117	51	984	4.10	Wholesale of other intermediate products
31010	851	17133	44	1024	3.76	Manufacture of office and shop furniture
10130	663	31593	15	1885	3.76	Production of meat and poultry meat products
		171496		15152	8.8%	Top 20 LEP SICs % of GB SIC jobs

Table 5.19.3: Top 20 Sectors by LQ 2012 – Leicester and Leicestershire

2012 SIC	Top 20 by jobs		Leicester and Leicestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	100	17943	0.89	Hospital activities
78200	16131	635836	231	16204	1.60	Temporary employment agency activities
85200	25303	1000063	376	15418	0.97	Primary education
47110	38907	1001066	603	14482	0.91	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85421	1586	388819	14	12518	2.03	First-degree level higher education
84110	14113	647996	218	10235	0.99	General public administration activities
52103	5872	196036	142	10071	3.23	Operation of warehousing and storage facilities for land transport act
85310	5585	597877	82	6975	0.73	General secondary education
70100	4831	183422	90	6933	2.38	Activities of head offices
88990	31406	456446	429	6240	0.86	Other social work activities without accommodation n.e.c.
56302	40012	360425	645	5703	1.00	Public houses and bars
49410	21898	189997	605	5163	1.71	Freight transport by road
88100	11195	244977	170	5153	1.32	Social work activities without accommodation for the elderly and disabled
64191	11082	408711	149	4808	0.74	Banks
47710	24030	356877	328	4465	0.79	Retail sale of clothing in specialised stores
82990	62198	244480	962	4179	1.08	Other business support service activities n.e.c.
55100	12487	317876	114	3758	0.74	Hotels and similar accommodation
84240	2939	269548	26	3700	0.86	Public order and safety activities
47190	12164	238992	198	3666	0.97	Other retail sale in non-specialised stores
87300	12381	228250	170	3608	1.00	Residential care activities for the elderly and disabled

Localisation of Industrial Activity across England's LEPs

Greater Lincolnshire LEP

The Greater Lincolnshire LEP had 408,137 jobs in total in 2008; of which 145,083 or, 36%, were in the top 20 sectors by employment. By 2012 employment had fallen to 405,290; the top 20 sectors now accounted for 152,729 jobs or 38% of the total. Sectors which contributed most to total employment included health related sectors such as hospital activities, medical and residential care; retail sectors; and education. Other activities particularly important to the LEP included freight transport; the activities of temporary employment agencies; and activities related to the growing and processing of fruit and vegetables.

In terms of LQ the growing; processing and selling of food products dominated. In fact, in 2008 apart from the manufacture of food products, or the manufacture of machinery related to food production the only other sectors with a high LQ were cultural education with an LQ of 14.25; specialist medical practice activities, at 7.06 and holiday centres and villages at 4.18. By 2012 the only other additional sectors included manufacture of other articles of paper; packaging activities and the manufacture of electric motors, generators and transformers.

In 2008 just two of the sectors with the top LQs were also in the top employing sectors. Other processing and preserving of fruit and vegetables had an LQ of 15.65 and employed 5,155; growing of vegetables and melons, roots and tubers had an LQ of 7.5 and employment of 3,889. The other sectors involved in food production, despite not being in the top twenty, also had significant levels of employment, with several employing around 3,000 people. In 2012 the former sector was also one of just two sectors which appeared in both top twenty lists; the second sector was the growing of cereals (except rice), leguminous crops and oil seeds, with an LQ of 7.35 and employment of 4,527.

Between 2008 and 2012 the list of sectors which comprised the top twenty remained broadly unchanged. In fact the top five sectors by employment remained in the same positions and included, in descending order, retail sale in non-specialised stores with food, beverages or tobacco

Localisation of Industrial Activity across England's LEPs

predominating; primary education; hospital activities; temporary employment agency activities and general secondary education. Each of these sectors had employment totals of between 10,000 and 18,000.

Localisation of Industrial Activity across England's LEPs

Table 5.20.1: Top 20 Sectors by LQ 2008 – Greater Lincolnshire

2008 SIC	Top 20 by LQ		Greater Lincolnshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
10390	316	21525	26	5155	15.65	Other processing and preserving of fruit and vegetables
10120	150	17031	10	3832	14.70	Processing and preserving of poultry meat
10200	367	15661	49	3441	14.36	Processing and preserving of fish, crustaceans and molluscs
85520	912	7002	183	1527	14.25	Cultural education
46220	979	8076	63	1328	10.74	Wholesale of flowers and plants
1160	608	1973	73	282	9.34	Growing of fibre crops
1110	8134	29256	957	3826	8.54	Growing of cereals (except rice), leguminous crops and oil seeds
1470	1558	11497	114	1333	7.58	Raising of poultry
28302	306	3407	29	394	7.56	Manufacture of agricultural and forestry machinery ([not] agric. tractors)
1130	6102	33876	581	3889	7.50	Growing of vegetables and melons, roots and tubers
86220	1375	10431	29	1127	7.06	Specialist medical practice activities
1300	558	4252	28	425	6.53	Plant propagation
46610	1438	14315	97	1135	5.18	Wholesale of agricultural machinery, equipment and supplies
10130	725	45263	22	3588	5.18	Production of meat and poultry meat products
46310	2152	33254	116	2608	5.12	Wholesale of fruit and vegetables
46210	1103	9274	62	721	5.08	Wholesale of grain, unmanufactured tobacco, seeds and animal feeds
33120	1796	33818	59	2409	4.65	Repair of machinery
46380	1706	16650	97	1157	4.54	Wholesale of other food, including fish, crustaceans and molluscs
1460	684	3228	35	214	4.33	Raising of swine/pigs
55201	761	22433	25	1434	4.18	Holiday centres and villages
		342222		39825	11.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.20.2: Top 20 Sectors by Jobs 2008 – Greater Lincolnshire

2008 SIC	Top 20 by jobs		Greater Lincolnshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	34592	953306	631	17489	1.20	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	522	16409	1.17	Primary education
86101	5120	1193554	39	12081	0.66	Hospital activities
78200	29767	669737	256	10824	1.06	Temporary employment agency activities
85310	5732	547903	101	9911	1.18	General secondary education
88990	31875	449586	581	8501	1.24	Other social work activities without accommodation n.e.c.
49410	23658	246603	804	8178	2.17	Freight transport by road
84110	12364	657299	214	6815	0.68	General public administration activities
56302	48502	391162	979	6616	1.11	Public houses and bars
10390	316	21525	26	5155	15.65	Other processing and preserving of fruit and vegetables
86102	3530	142814	65	4889	2.24	Medical nursing home activities
87900	12010	216666	252	4677	1.41	Other residential care activities
86210	17011	175600	332	4659	1.73	General medical practice activities
87300	11996	213537	212	4496	1.38	Residential care activities for the elderly and disabled
86900	13758	279816	266	4304	1.01	Other human health activities
42990	18535	208438	463	4239	1.33	Construction of other civil engineering projects n.e.c.
47710	26202	353894	449	4123	0.76	Retail sale of clothing in specialised stores
81210	28775	402194	374	3965	0.64	General cleaning of buildings
1130	6102	33876	581	3889	7.50	Growing of vegetables and melons, roots and tubers
84240	3018	274005	52	3863	0.92	Public order and safety activities

Localisation of Industrial Activity across England's LEPs

Table 5.20.3: Top 20 Sectors by LQ 2012 – Greater Lincolnshire

2012 SIC	Top 20 by LQ		Greater Lincolnshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
10390	356	20001	21	4195	13.74	Other processing and preserving of fruit and vegetables
10200	369	13897	50	2835	13.36	Processing and preserving of fish, crustaceans and molluscs
46220	871	7618	51	1153	9.91	Wholesale of flowers and plants
1160	476	2015	54	239	7.77	Growing of fibre crops
1190	513	5347	36	629	7.71	Growing of other non-perennial crops
1110	9040	40346	997	4527	7.35	Growing of cereals (except rice), leguminous crops and oil seeds
17290	497	6932	16	772	7.29	Manufacture of other articles of paper and paperboard
33120	2199	28141	72	2870	6.68	Repair of machinery
1610	1374	7271	59	688	6.20	Support activities for crop production
1460	759	3656	47	344	6.16	Raising of swine/pigs
46210	1112	9950	62	894	5.89	Wholesale of grain, unmanufactured tobacco, seeds and animal feeds
27110	286	12265	12	1091	5.83	Manufacture of electric motors, generators and transformers
28302	260	4971	16	441	5.81	Manufacture of agricultural and forestry machinery ([not] agric. tractors)
1130	5246	38162	476	3349	5.75	Growing of vegetables and melons, roots and tubers
46380	1529	16202	87	1356	5.48	Wholesale of other food, including fish, crustaceans and molluscs
1470	1707	12318	120	953	5.07	Raising of poultry
82920	1261	26068	39	1957	4.92	Packaging activities
46610	1508	14779	97	1090	4.83	Wholesale of agricultural machinery, equipment and supplies
55201	714	21003	22	1446	4.51	Holiday centres and villages
85520	893	4789	16	312	4.27	Cultural education
		295731		31141	10.5%	Top 20 LEP SICs % of GB SIC jobs

Table 5.20.4: Top 20 Sectors by Jobs 2012 – Greater Lincolnshire

2012 SIC	Top 20 by jobs		Greater Lincolnshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	38907	1001066	659	18080	1.18	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	471	17540	1.15	Primary education
86101	5649	1265215	111	16953	0.88	Hospital activities
78200	16131	635836	225	11223	1.16	Temporary employment agency activities
85310	5585	597877	91	10355	1.13	General secondary education
49410	21898	189997	1177	7846	2.70	Freight transport by road
86900	20625	335775	282	7668	1.50	Other human health activities
84110	14113	647996	357	6851	0.69	General public administration activities
88990	31406	456446	617	6555	0.94	Other social work activities without accommodation n.e.c.
56302	40012	360425	801	5942	1.08	Public houses and bars
87900	11619	212267	238	5036	1.55	Other residential care activities
87300	12381	228250	241	4853	1.39	Residential care activities for the elderly and disabled
1110	9040	40346	997	4527	7.35	Growing of cereals (except rice), leguminous crops and oil seeds
47190	12164	238992	265	4505	1.23	Other retail sale in non-specialised stores
88100	11195	244977	159	4237	1.13	Social work activities without accommodation for the elderly and disabled
10390	356	20001	21	4195	13.74	Other processing and preserving of fruit and vegetables
47710	24030	356877	385	4114	0.76	Retail sale of clothing in specialised stores
45200	35631	185758	823	4101	1.45	Maintenance and repair of motor vehicles
85320	3376	190122	75	4089	1.41	Technical and vocational secondary education
81210	24563	383804	326	4059	0.69	General cleaning of buildings

Localisation of Industrial Activity across England's LEPs

Liverpool City Region LEP

The Liverpool City Region LEP had 583,593 jobs in total in 2008; of which 242,235 or, 42%, were in the top 20 sectors by jobs. By 2012 employment had fallen to 555,378; the top 20 sectors now accounted for 238,582 jobs or 43% of the total. Those sectors most important in terms of employment were largely in the public and health related sectors such as hospital activities, health, social work, residential care; public administration; public order; and education. Other sectors of importance included service sectors such as retail; temporary employment agency activities; banks; freight transport and management consultancy.

In terms of LQ the key sectors were mainly in the manufacturing and retail sectors. The only public sectors listed were compulsory social service activities; cultural education; regulation activities and justice and judicial activities. In terms of manufacturing glass, chemicals, pharmaceuticals and non-metallic mineral products were all central, whilst the key retail sectors were beverages; bread; hearing aids and retail sale via mail order or the internet.

Importantly, none of the sectors with the top LQs in 2008 featured in the top employing sectors, despite a few having employment of 3,000-5,000. In 2012 just one sector, regulation of the activities of providing health care, education, cultural services and other social services, excluding social security, appeared in both the top LQs and top employers, with an LQ of 2.32 and a total employment of 6,354.

Between 2008 and 2012 there was little change in the list of sectors which comprised the top twenty. Hospital activities remained as the top employing sector, with a total employment of 40,429 in 2012, which was more than one and a half times the total employment in the second highest sector, that of primary education with an employment of 23,560.

Localisation of Industrial Activity across England's LEPs

Table 5.21.1: Top 20 Sectors by LQ 2008 – Liverpool City Region

2008 SIC	Top 20 by LQ		Liverpool City Region			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
23140	77	3117	11	675	9.90	Manufacture of glass fibres
23990	228	6086	10	616	4.63	Manufacture of other non-metallic mineral products n.e.c.
20140	194	13005	17	1005	3.53	Manufacture of other organic basic chemicals
43290	2878	26578	89	1993	3.43	Other construction installation
85520	912	7002	25	523	3.41	Cultural education
13922	304	2472	15	177	3.27	Manufacture of canvas goods, sacks etc.
47250	6368	28580	302	1862	2.98	Retail sale of beverages in specialised stores
47910	4766	54967	61	3561	2.96	Retail sale via mail order houses or via Internet
47741	512	1980	13	119	2.75	Retail sale of hearing aids in specialised stores
61100	607	5049	13	302	2.73	Wired telecommunications activities
23120	558	12549	21	703	2.56	Shaping and processing of flat glass Agents involved in the sale of furniture, household goods, hardware, ironmongery
46150	1015	3316	26	175	2.41	Compulsory social security activities
84300	1324	97878	50	4928	2.30	Glazing
43342	1235	5184	30	252	2.22	Technical testing and analysis
71200	4579	44174	237	2147	2.22	Manufacture of other chemical products n.e.c.
20590	591	17223	21	831	2.20	Justice and judicial activities
84230	1566	104339	40	4941	2.16	Service activities incidental to water transportation
52220	935	20571	22	937	2.08	Manufacture of plastics in primary forms
20160	569	15289	17	661	1.98	Manufacture of household textiles (other than soft furnishings of 13.92/1)
13923	431	9000	18	384	1.95	
		478359		26792	5.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.21.1: Top 20 Sectors by Jobs 2008 – Liverpool City Region

2008 SIC	Top 20 by jobs		Liverpool City Region			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	93	38049	1.46	Hospital activities
84110	12364	657299	241	23604	1.64	General public administration activities
85200	27278	919909	578	23252	1.15	Primary education
47110	34592	953306	832	20787	1.00	Retail sale in non-specialised stores with food, beverages or tobacco (...)
78200	29767	669737	777	13501	0.92	Temporary employment agency activities
88990	31875	449586	751	13126	1.33	Other social work activities without accommodation n.e.c.
85310	5732	547903	140	12451	1.04	General secondary education
86900	13758	279816	320	11284	1.84	Other human health activities
56302	48502	391162	1076	9940	1.16	Public houses and bars
81210	28775	402194	437	8329	0.95	General cleaning of buildings
47710	26202	353894	555	7581	0.98	Retail sale of clothing in specialised stores
87900	12010	216666	392	7486	1.58	Other residential care activities
64191	15467	412985	267	7281	0.81	Banks
84240	3018	274005	62	7242	1.21	Public order and safety activities
84120	4337	184227	193	7196	1.78	Regulation of the activities of providing health care, education, (...)
49410	23658	246603	411	6460	1.20	Freight transport by road
85590	17116	203392	446	6310	1.42	Other education n.e.c.
47190	10290	220975	182	6221	1.29	Other retail sale in non-specialised stores
70229	96342	307793	2802	6167	0.92	Management consultancy activities (other than financial management)
87300	11996	213537	328	5968	1.28	Residential care activities for the elderly and disabled

Localisation of Industrial Activity across England's LEPs

Table 5.21.3: Top 20 Sectors by LQ 2012 – Liverpool City Region

2012 SIC	Top 20 by LQ		Liverpool City Region			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
20130	135	4488	11	1026	10.93	Manufacture of other inorganic basic chemicals
46440	484	6683	11	1060	7.58	Wholesale of china and glassware and cleaning materials
61200	881	11293	13	1513	6.40	Wireless telecommunications activities
81291	478	5045	13	619	5.86	Disinfecting and extermination services
81229	267	2094	11	234	5.34	Building and industrial cleaning activities (not window cleaning, [...]) n.e.c.
20140	143	10389	16	1024	4.71	Manufacture of other organic basic chemicals
23990	212	5930	10	493	3.97	Manufacture of other non-metallic mineral products n.e.c.
21200	508	36303	15	2312	3.04	Manufacture of pharmaceutical preparations
20590	555	14308	22	901	3.01	Manufacture of other chemical products n.e.c.
47240	7065	50834	207	2921	2.75	Retail sale of bread, cakes, flour confectionery and sugar conf. in spec. stores
64921	2623	27860	100	1596	2.74	Credit granting by non-deposit taking finance houses and (...)
47722	1101	4788	13	262	2.62	Retail sale of leather goods in specialised stores
47250	4133	15819	157	844	2.55	Retail sale of beverages in specialised stores
23120	446	9519	20	506	2.54	Shaping and processing of flat glass
50200	784	7603	14	401	2.52	Sea and coastal freight water transport
85520	893	4789	24	242	2.42	Cultural education
84120	2945	130794	58	6354	2.32	Regulation of the activities of providing health care, education, (...)
84230	1660	98032	37	4722	2.30	Justice and judicial activities
29100	770	60654	13	2903	2.29	Manufacture of motor vehicles
81222	1075	10962	23	501	2.18	Specialised cleaning services
		518187		30434	5.9%	Top 20 LEP SICs % of GB SIC jobs

Table 5.21.4: Top 20 Sectors by Jobs 2012 – Liverpool City Region

2012 SIC	Top 20 by jobs		Liverpool City Region			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	85	40429	1.53	Hospital activities
85200	25303	1000063	539	23560	1.13	Primary education
47110	38907	1001066	928	23175	1.11	Retail sale in non-specialised stores with food, beverages or tobacco (...)
84110	14113	647996	217	19953	1.47	General public administration activities
88990	31406	456446	789	13549	1.42	Other social work activities without accommodation n.e.c.
85310	5585	597877	114	12477	1.00	General secondary education
78200	16131	635836	197	11623	0.87	Temporary employment agency activities
56302	40012	360425	868	8590	1.14	Public houses and bars
47710	24030	356877	480	8338	1.12	Retail sale of clothing in specialised stores
86900	20625	335775	421	8091	1.15	Other human health activities
81210	24563	383804	468	7906	0.98	General cleaning of buildings
87900	11619	212267	361	7858	1.77	Other residential care activities
84240	2939	269548	63	7485	1.33	Public order and safety activities
82990	62198	244480	1150	7381	1.44	Other business support service activities n.e.c.
64191	11082	408711	229	7180	0.84	Banks
88100	11195	244977	383	6975	1.36	Social work activities without accommodation for the elderly and disabled
84120	2945	130794	58	6354	2.32	Regulation of the activities of providing health care, education, (...)
56101	29634	326772	549	6153	0.90	Licensed restaurants
52103	5872	196036	136	5789	1.41	Operation of warehousing and storage facilities for land transport act. of (...)
87100	4704	204756	115	5716	1.33	Residential nursing care activities

Localisation of Industrial Activity across England's LEPs

London LEP

The London LEP had 4,193,530 jobs in total in 2008; of which 1,579,030 or, 38%, were in the top 20 sectors by jobs. By 2012 employment had risen to 4,393,951; the top 20 sectors now accounted for 1,704,818 jobs or 39% of the total. Hospital activities; education and public administration all featured as important in terms of employment however the other key sectors were largely in the service sector and related to banking and retail, and business support activities such as employment agencies, accounting, consultancy, and solicitors.

In terms of LQ just three broad sectors covered virtually all top twenty activities; these were finance and investment activities; media activities to include news agency; broadcasting and the production of TV and film; and transportation activities to include railway and air. Each of these activities had LQs of 4 – 6, indicating that the industry concentrations were at least 4 times the national average.

Despite the fact that the above sectors were heavily concentrated in the LEP, due to the sheer number of jobs no specific sector featured in the top employing sectors even though those such as air transport employed 35,000-40,000 people in both years, and the security and commodity contracts brokerage sector employed 33,000 – 36,000.

The top sectors by employment were virtually identical between 2008 and 2012; just two sectors dropped off the list, activities of employment placement agencies (53,000 jobs) and solicitors (44,000 jobs). These sectors were replaced on the top 20 list by private security activities and activities of head offices, both with 47,000 jobs.

Hospital activities remained the top employer with 152,085 jobs in 2008, rising to 161,025 in 2012. The banking sector was also a key employer with 128,176 jobs in 2008 increasing to 144,927 in 2012, and moving it from third to second highest position.

Localisation of Industrial Activity across England's LEPs

Table 5.22.1: Top 20 Sectors by LQ 2008 - London

2008 SIC	Top 20 by LQ		London			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
64303	208	5968	124	5617	5.99	Activities of venture and development capital companies
64991	614	16020	251	14285	5.67	Security dealing on own account
78101	52	280	28	230	5.22	Motion picture, television and other theatrical casting
59131	362	4461	212	3648	5.20	Motion picture distribution activities
64304	210	2220	67	1723	4.94	Activities of open-ended investment companies
49311	278	12750	232	9786	4.88	[Local] area passenger railway transportation by underground, metro [...]
66120	1895	44956	756	33060	4.68	Security and commodity contracts brokerage
66300	1132	28667	761	20618	4.57	Fund management activities
74300	336	4660	105	3342	4.56	Translation and interpretation activities
69101	2555	8387	1908	6002	4.55	Barristers at law
63910	564	10685	195	7638	4.55	News agency activities
60200	896	15398	475	10955	4.52	Television programming and broadcasting activities
59200	1721	6024	969	4075	4.30	Sound recording and music publishing activities
59112	795	2639	434	1657	3.99	Video production activities
59111	2927	11463	1612	6897	3.83	Motion picture production activities
46350	69	2434	13	1446	3.78	Wholesale of tobacco products
59120	1715	9611	953	5644	3.73	Motion picture, video and television programme post-production activities
64301	350	4327	190	2535	3.73	Activities of investment trusts
51101	566	69460	230	40654	3.72	Scheduled passenger air transport
64205	204	2140	74	1233	3.66	Activities of financial services holding companies
		262550		181045	69.0%	Top 20 LEP SICs % of GB SIC jobs

Table 5.22.2: Top 20 Sectors by Jobs 2008 - London

2008 SIC	Top 20 by jobs		London			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	508	152085	0.81	Hospital activities
78200	29767	669737	3683	146769	1.39	Temporary employment agency activities
64191	15467	412985	2933	128176	1.97	Banks
85200	27278	919909	2759	107936	0.75	Primary education
47110	34592	953306	5120	98106	0.65	Retail sale in non-specialised stores with food, beverages or tobacco (...)
81210	28775	402194	4944	97327	1.54	General cleaning of buildings
84110	12364	657299	895	91201	0.88	General public administration activities
70229	96342	307793	21621	87620	1.81	Management consultancy activities (other than financial management)
56101	27324	278602	6159	70239	1.60	Licensed restaurants
47710	26202	353894	4344	63720	1.14	Retail sale of clothing in specialised stores
88990	31875	449586	4405	60592	0.86	Other social work activities without accommodation n.e.c.
69201	30218	195786	7702	57416	1.86	Accounting, and auditing activities
84240	3018	274005	786	55526	1.29	Public order and safety activities
55100	12377	313180	1427	54400	1.10	Hotels and similar accommodation
85310	5732	547903	642	53603	0.62	General secondary education
62020	55563	232129	13152	53579	1.47	Computer consultancy activities
82990	72283	252302	14321	53337	1.34	Other business support service activities n.e.c.
78109	20390	226652	2287	53098	1.49	Activities of employment placement agencies (other than [...])
85421	1628	366035	331	50225	0.87	First-degree level higher education
69102	12569	185180	2729	44075	1.51	Solicitors

Localisation of Industrial Activity across England's LEPs

Table 5.22.3: Top 20 Sectors by LQ 2012 - London

2012 SIC	Top 20 by LQ		London			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
59133	74	1704	46	1616	5.73	Television programme distribution activities
64991	385	8227	174	7475	5.49	Security dealing on own account
49311	351	19365	322	16762	5.23	[Local] area passenger railway transportation by underground, metro [...]
78101	78	525	48	448	5.16	Motion picture, television and other theatrical casting
60200	807	18998	377	15596	4.96	Television programming and broadcasting activities
59120	1673	11723	914	9381	4.83	Motion picture, video and television programme post-production activities
63910	551	10764	192	8487	4.76	News agency activities
59131	380	3527	251	2742	4.70	Motion picture distribution activities
69101	4563	16730	3078	12644	4.57	Barristers at law
64304	173	5086	77	3721	4.42	Activities of open-ended investment companies
64205	20	59	14	42	4.30	Activities of financial services holding companies
66110	309	3185	147	2251	4.27	Administration of financial markets
66120	1816	51358	737	35624	4.19	Security and commodity contracts brokerage
59113	4490	33077	2510	22681	4.14	Television programme production activities
64303	191	1281	107	867	4.09	Activities of venture and development capital companies
66300	1136	32836	766	22132	4.07	Fund management activities
59200	2070	6030	1136	3931	3.94	Sound recording and music publishing activities
59111	4503	15606	2683	10106	3.91	Motion picture production activities
64306	117	843	71	538	3.86	Activities of real estate investment trusts
51101	441	57429	187	34971	3.68	Scheduled passenger air transport
		298353		212015	71.1%	Top 20 LEP SICs % of GB SIC jobs

Table 5.22.4: Top 20 Sectors by Jobs 2012 – London

2012 SIC	Top 20 by jobs		London			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	598	161025	0.77	Hospital activities
64191	11082	408711	2042	144927	2.14	Banks
85200	25303	1000063	2600	125376	0.76	Primary education
47110	38907	1001066	6552	113685	0.69	Retail sale in non-specialised stores with food, beverages or tobacco (...)
78200	16131	635836	3483	108551	1.03	Temporary employment agency activities
84110	14113	647996	1024	97777	0.91	General public administration activities
70229	106896	320672	25383	97254	1.83	Management consultancy activities (other than financial management)
56101	29634	326772	7075	94733	1.75	Licensed restaurants
81210	24563	383804	4536	90415	1.42	General cleaning of buildings
62020	67949	273313	17738	69624	1.54	Computer consultancy activities
88990	31406	456446	5090	68812	0.91	Other social work activities without accommodation n.e.c.
47710	24030	356877	4111	68169	1.15	Retail sale of clothing in specialised stores
85310	5585	597877	712	67613	0.68	General secondary education
69201	29788	204216	7317	65700	1.94	Accounting, and auditing activities
82990	62198	244480	14405	64893	1.60	Other business support service activities n.e.c.
85421	1586	388819	426	60006	0.93	First-degree level higher education
55100	12487	317876	1582	57809	1.10	Hotels and similar accommodation
84240	2939	269548	668	55005	1.23	Public order and safety activities
80100	5916	172710	1260	46878	1.64	Private security activities
70100	4831	183422	959	46566	1.53	Activities of head offices

Localisation of Industrial Activity across England's LEPs

Greater Manchester LEP

The Greater Manchester LEP had 1,155,746 jobs in total in 2008; of which 402,941 or, 35%, were in the top 20 sectors by jobs. By 2012 employment had fallen to 1,144,023; the top 20 sectors now accounted for 432,261 jobs or 38% of the total. The top sectors by employment covered a diverse range of public and private sector activities; hospital activities; education and public administration were key public activities, whilst the others were all in the service sector and included retail, banks, public houses, restaurants, and business support activities such as employment agencies; management consultancy; solicitors; and cleaning.

In terms of LQ the top sectors were almost exclusively in manufacturing and wholesale and retail, with air transport; residential care; demolition and wireless telecommunication activities being the key exceptions. In terms of manufacturing, textiles and related activities featured highly alongside the manufacture of soap, ink; batteries, machinery and other non-metallic mineral products.

The retail and wholesale of textiles and that of telecommunication equipment were the top activities in the selling sector. Several of the sectors with the highest LQs had employment of at least 3,000, and in fact the top sector, residential care activities for learning disabilities, mental health and substance abuse had employment of 10,112 in 2008. However, none of these sectors appeared in the list of top 20 employers.

Between 2008 and 2012 there were several changes regarding the sectors with the top LQs, with mainly non-textile manufacturing sub-sectors dropping off the list and replaced by other textile related activities; telecommunications and the renting of media equipment. The top sectors by employment were virtually identical between 2008 and 2012, just three sectors dropped off the list, each with employment of 11,000, namely freight transport, electrical installation and plumbing. They were replaced on the 2012 list by restaurants, event catering and other retail sale in non-specialised stores, the number of jobs of the same magnitude as those they replaced.

Localisation of Industrial Activity across England's LEPs

The top five sectors by jobs remained in the same positions between the two years; the top sector, hospital activities, increasing its employment from 45,128 in 2008 to 59,516 in 2012.

Localisation of Industrial Activity across England's LEPs

Table 5.23.1: Top 20 Sectors by LQ 2008 – Greater Manchester

2008 SIC	Top 20 by LQ		Greater Manchester			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
51102	495	11898	17	4448	8.63	Non-scheduled passenger air transport
27200	119	2772	10	865	7.20	Manufacture of batteries and accumulators
28950	56	1151	11	346	6.94	Manufacture of machinery for paper and paperboard production
81229	211	1847	14	477	5.96	Building and industrial cleaning activities (other than window cleaning, [...] n.e.c.
13923	431	9000	73	1658	4.25	Manufacture of household textiles (other than soft furnishings of 13.92/1)
13990	421	5164	43	908	4.06	Manufacture of other textiles n.e.c.
64992	128	2794	15	474	3.91	Factoring
46410	2223	14666	267	2454	3.86	Wholesale of textiles
81221	887	6159	40	1030	3.86	Window cleaning services
47910	4766	54967	243	9119	3.83	Retail sale via mail order houses or via Internet
85530	1858	7866	67	1189	3.49	Driving school activities
43110	391	3810	23	525	3.18	Demolition
20411	168	8105	16	1116	3.18	Manufacture of soap and detergents
87200	1931	74967	84	10112	3.11	Residential care activities for learning disabilities, mental health, substance abuse
13200	242	7320	21	964	3.04	Weaving of textiles
20301	398	15226	30	1842	2.79	Manufacture of paints, varnishes and similar coatings, mastics and sealants
46420	4632	38774	404	4669	2.78	Wholesale of clothing and footwear
26120	531	11242	27	1335	2.74	Manufacture of loaded electronic boards
20302	170	2993	15	350	2.70	Manufacture of printing ink
23990	228	6086	16	706	2.68	Manufacture of other non-metallic mineral products n.e.c.
		286807		44587	15.5%	Top 20 LEP SICs % of GB SIC jobs

Table 5.23.2: Top 20 Sectors by Jobs 2008 – Greater Manchester

2008 SIC	Top 20 by jobs		Greater Manchester			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	122	45128	0.87	Hospital activities
85200	27278	919909	1078	40194	1.01	Primary education
47110	34592	953306	1405	36383	0.88	Retail sale in non-specialised stores with food, beverages or tobacco (...)
84110	12364	657299	453	29020	1.02	General public administration activities
78200	29767	669737	711	27518	0.95	Temporary employment agency activities
85310	5732	547903	240	24110	1.02	General secondary education
64191	15467	412985	602	19240	1.07	Banks
88990	31875	449586	1158	18619	0.96	Other social work activities without accommodation n.e.c.
85421	1628	366035	44	17781	1.12	First-degree level higher education
56302	48502	391162	2154	16724	0.99	Public houses and bars
81210	28775	402194	1007	16624	0.95	General cleaning of buildings
47710	26202	353894	1192	16086	1.05	Retail sale of clothing in specialised stores
86900	13758	279816	639	13516	1.11	Other human health activities
84240	3018	274005	105	12718	1.07	Public order and safety activities
69102	12569	185180	720	12539	1.56	Solicitors
70229	96342	307793	2773	11896	0.89	Management consultancy activities (other than financial management)
49410	23658	246603	883	11892	1.11	Freight transport by road
80100	7291	164511	349	11167	1.57	Private security activities
43210	32719	203969	1421	10914	1.23	Electrical installation
43220	21691	134474	880	10872	1.87	Plumbing, heat and air-conditioning installation

Localisation of Industrial Activity across England's LEPs

Table 5.23.3: Top 20 Sectors by LQ 2012 – Greater Manchester

2012 SIC	Top 20 by LQ		Greater Manchester			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
51102	430	12853	19	3143	5.67	Non-scheduled passenger air transport
13931	76	2922	10	669	5.31	Manufacture of woven or tufted carpets and rugs
13923	340	5716	51	1211	4.92	Manufacture of household textiles (other than soft furnishings of 13.92/1)
64992	146	2842	22	589	4.81	Factoring
14390	189	3237	56	555	3.98	Manufacture of other knitted and crocheted apparel
46410	2035	13677	253	2324	3.94	Wholesale of textiles
20411	171	4965	13	818	3.82	Manufacture of soap and detergents
13990	282	2176	24	356	3.80	Manufacture of other textiles n.e.c.
20412	202	4068	14	628	3.58	Manufacture of cleaning and polishing preparations
17220	90	6146	15	939	3.55	Manufacture of household and sanitary goods and of toilet requisites
61200	881	11293	39	1705	3.50	Wireless telecommunications activities
43110	552	4415	39	588	3.09	Demolition
20302	111	2802	12	362	3.00	Manufacture of printing ink
46420	3981	37513	416	4638	2.87	Wholesale of clothing and footwear
77291	389	2068	20	255	2.86	Renting and leasing of media entertainment equipment Retail sale of telecommunications equipment (other than mobile[s]) n.e.c., in spec. stores
47429	145	388	12	45	2.69	Other accommodation
55900	808	6339	33	727	2.66	Other accommodation
23190	273	2330	10	263	2.62	Manufacture and processing of other glass, including technical glassware
47820	231	494	21	54	2.54	Retail sale via stalls and markets of textiles, clothing and footwear
52230	958	44027	35	4780	2.52	Service activities incidental to air transportation
		170271		24649	14.5%	Top 20 LEP SICs % of GB SIC jobs

Table 5.23.4: Top 20 Sectors by Jobs 2012 – Greater Manchester

2012 SIC	Top 20 by jobs		Greater Manchester			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	180	59516	1.09	Hospital activities
85200	25303	1000063	1021	43510	1.01	Primary education
47110	38907	1001066	1642	39464	0.91	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5585	597877	274	29433	1.14	General secondary education
78200	16131	635836	635	28763	1.05	Temporary employment agency activities
84110	14113	647996	450	27412	0.98	General public administration activities
81210	24563	383804	901	19455	1.18	General cleaning of buildings
85421	1586	388819	49	19388	1.16	First-degree level higher education
64191	11082	408711	467	18547	1.05	Banks
88990	31406	456446	1146	17984	0.91	Other social work activities without accommodation n.e.c.
47710	24030	356877	1046	16072	1.05	Retail sale of clothing in specialised stores
56302	40012	360425	1678	14250	0.92	Public houses and bars
80100	5916	172710	269	12932	1.74	Private security activities
70229	106896	320672	2942	12900	0.93	Management consultancy activities (other than financial management)
86900	20625	335775	868	12891	0.89	Other human health activities
84240	2939	269548	91	12612	1.09	Public order and safety activities
56101	29634	326772	953	12071	0.86	Licensed restaurants
69102	13104	177305	789	11990	1.57	Solicitors
56210	17371	196669	564	11658	1.38	Event catering activities
47190	12164	238992	519	11413	1.11	Other retail sale in non-specialised stores

Localisation of Industrial Activity across England's LEPs

New Anglia LEP

The New Anglia LEP had 643,638 jobs in total in 2008; of which 231,802 or, 36%, were in the top 20 sectors by jobs. By 2012 employment had fallen to 635,947; the top 20 sectors now accounted for 239,647 jobs or 38% of the total. Key employment activities in the private sector included retail; construction; insurance agents, freight transport; management consultancy and tourism related activities such as public houses and bars; hotels and restaurants. Those in the public sector included hospital activities; education and public administration.

In terms of LQ the top sectors were dominated by agricultural and related food production sectors, in particular the production of meat and crops. Tourism sectors of importance included holiday centres and villages; and the building of boats. The top sector in 2008, activities of racehorse owners, had an LQ 7 times the UK average, while in 2012 the LQ of the top sector, manufacture of agricultural and forestry machinery, was 11.08.

Despite the predominance of agriculture, in terms of LQ, the only sector to appear in both the top LQs and top employers lists, in both years, was one of the few non-agricultural sectors, that of the activities of insurance agents and brokers, with an LQ of 4.17 in 2008 and employment of 8,980; and an LQ of 3.68 in 2012, and employment of 9,224. All the other top LQ sectors had employment of 5,000 or less.

Between 2008 and 2012 there were few changes in terms of the top twenty LQs and employing sectors; more agricultural related sectors moved into the top LQs whilst the top sectors for employment now included residential care activities, with employment of around 9,000; restaurants, and general medical practice activities, both with employment of around 6,000. The sectors they replaced on the list included other human health activities; first degree higher education; and construction of domestic buildings.

Localisation of Industrial Activity across England's LEPs

Table 5.24.1: Top 20 Sectors by LQ 2008 – New Anglia

2008 SIC	Top 20 by LQ		New Anglia		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
93191	531	2696	81	519	7.98	Activities of racehorse owners
1460	684	3228	126	616	7.91	Raising of swine/pigs
28302	306	3407	26	599	7.28	Manufacture of agricultural and forestry machinery ([not] agric. tractors)
10110	330	17386	16	2969	7.08	Processing and preserving of meat
52220	935	20571	50	3466	6.98	Service activities incidental to water transportation
10120	150	17031	17	2765	6.73	Processing and preserving of poultry meat
55201	761	22433	55	3412	6.30	Holiday centres and villages
1160	608	1973	70	270	5.67	Growing of fibre crops
1110	8134	29256	1051	3847	5.45	Growing of cereals (except rice), leguminous crops and oil seeds
1621	559	2811	32	359	5.29	Farm animal boarding and care
30120	559	5258	41	549	4.33	Building of pleasure and sporting boats
66220	4343	89119	143	8980	4.17	Activities of insurance agents and brokers
10910	335	7270	19	720	4.10	Manufacture of prepared feeds for farm animals
1130	6102	33876	661	3284	4.02	Growing of vegetables and melons, roots and tubers
26120	531	11242	25	1085	4.00	Manufacture of loaded electronic boards
10130	725	45263	29	4144	3.79	Production of meat and poultry meat products
10920	153	4987	16	443	3.68	Manufacture of prepared pet foods
46210	1103	9274	71	794	3.55	Wholesale of grain, unmanufactured tobacco, seeds and animal feeds
93199	2079	20699	95	1651	3.30	Other sports activities (not including activities of racehorse owners) n.e.c.
13922	304	2472	15	190	3.18	Manufacture of canvas goods, sacks etc.
		350252		40662	11.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.24.2: Top 20 Sectors by Jobs 2008 – New Anglia

2008 SIC	Top 20 by jobs		New Anglia		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
47110	34592	953306	889	28033	1.22	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5120	1193554	184	27175	0.94	Hospital activities
85200	27278	919909	707	20762	0.94	Primary education
56302	48502	391162	1376	18679	1.98	Public houses and bars
85310	5732	547903	131	13392	1.01	General secondary education
78200	29767	669737	272	13286	0.82	Temporary employment agency activities
84110	12364	657299	336	12147	0.77	General public administration activities
88990	31875	449586	799	11567	1.07	Other social work activities without accommodation n.e.c.
66220	4343	89119	143	8980	4.17	Activities of insurance agents and brokers
49410	23658	246603	797	8632	1.45	Freight transport by road
81210	28775	402194	792	7585	0.78	General cleaning of buildings
86900	13758	279816	412	7531	1.12	Other human health activities
85421	1628	366035	23	7365	0.83	First-degree level higher education
55100	12377	313180	358	7313	0.97	Hotels and similar accommodation
87900	12010	216666	384	6962	1.33	Other residential care activities
47190	10290	220975	303	6873	1.29	Other retail sale in non-specialised stores
42990	18535	208438	620	6770	1.35	Construction of other civil engineering projects n.e.c.
47710	26202	353894	593	6553	0.77	Retail sale of clothing in specialised stores
41202	24979	214682	791	6433	1.24	Construction of domestic buildings
70229	96342	307793	1897	5764	0.78	Management consultancy activities (other than financial management)

Localisation of Industrial Activity across England's LEPs

Table 5.24.3: Top 20 Sectors by LQ 2012 – New Anglia

2012 SIC	Top 20 by LQ		New Anglia		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
28302	260	4971	27	1320	11.08	Manufacture of agricultural and forestry machinery ([not] agric. tractors)
1460	759	3656	139	755	8.62	Raising of swine/pigs
10130	663	31593	26	5284	6.98	Production of meat and poultry meat products
10120	145	17980	15	2939	6.82	Processing and preserving of poultry meat
1621	436	2385	33	361	6.32	Farm animal boarding and care
52220	967	21838	55	3138	6.00	Service activities incidental to water transportation
55201	714	21003	55	3006	5.97	Holiday centres and villages
93191	421	1766	39	231	5.46	Activities of racehorse owners
1110	9040	40346	1082	5026	5.20	Growing of cereals (except rice), leguminous crops and oil seeds
10840	123	6665	11	810	5.07	Manufacture of condiments and seasonings
1470	1707	12318	150	1409	4.78	Raising of poultry
10910	271	6796	20	750	4.61	Manufacture of prepared feeds for farm animals
10920	157	4946	10	528	4.46	Manufacture of prepared pet foods
1160	476	2015	54	200	4.14	Growing of fibre crops
1130	5246	38162	552	3661	4.00	Growing of vegetables and melons, roots and tubers
1629	851	3352	53	301	3.75	Support activities for animal production (other than [...]) n.e.c.
20412	202	4068	11	362	3.71	Manufacture of cleaning and polishing preparations
66220	4142	104776	129	9224	3.68	Activities of insurance agents and brokers
1610	1374	7271	87	588	3.38	Support activities for crop production
46210	1112	9950	65	800	3.36	Wholesale of grain, unmanufactured tobacco, seeds and animal feeds
		345857		40693	11.8%	Top 20 LEP SICs % of GB SIC jobs

Table 5.24.4: Top 20 Sectors by Jobs 2012 – New Anglia

2012 SIC	Top 20 by jobs		New Anglia		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
86101	5649	1265215	140	29946	0.99	Hospital activities
47110	38907	1001066	917	28297	1.18	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	764	26827	1.12	Primary education
78200	16131	635836	290	16869	1.11	Temporary employment agency activities
85310	5585	597877	130	15136	1.06	General secondary education
84110	14113	647996	633	13216	0.85	General public administration activities
81210	24563	383804	608	11327	1.23	General cleaning of buildings
88990	31406	456446	794	10225	0.94	Other social work activities without accommodation n.e.c.
56302	40012	360425	1153	9229	1.07	Public houses and bars
66220	4142	104776	129	9224	3.68	Activities of insurance agents and brokers
87300	12381	228250	392	8942	1.64	Residential care activities for the elderly and disabled
49410	21898	189997	712	8249	1.81	Freight transport by road
55100	12487	317876	345	7672	1.01	Hotels and similar accommodation
47190	12164	238992	327	7518	1.31	Other retail sale in non-specialised stores
47710	24030	356877	562	7006	0.82	Retail sale of clothing in specialised stores
56101	29634	326772	685	6539	0.84	Licensed restaurants
70229	106896	320672	2008	5986	0.78	Management consultancy activities (other than financial management)
86210	18582	183818	410	5863	1.33	General medical practice activities
42990	14514	139221	495	5796	1.74	Construction of other civil engineering projects n.e.c.
87900	11619	212267	310	5780	1.14	Other residential care activities

Localisation of Industrial Activity across England's LEPs

North Eastern LEP

The North Eastern LEP had 765,584 jobs in total in 2008; of which 294,055 or, 38%, were in the top 20 sectors by jobs. By 2012 employment had fallen to 735,140; the top 20 sectors now accounted for 302,839 jobs or 41% of the total. Public sector activities dominated in terms of employment, to include education; health related activities such as hospital activities; social work and residential activities; and public administration activities such as social security activities; public order and regulation of activities. The few private sectors in the top twenty included retail; banks; public houses, and hotels and restaurants.

In terms of LQ the picture was completely different, with manufacturing activities accounting for more than half of the top twenty sectors. The sectors were quite diverse and included the manufacture of glass; paint; tools, electronics; motor vehicles; paper; electrics and plastics. Outside of this the other top sectors included environmental consulting; test drilling and boring; and water collection activities. Despite the predominance of manufacturing, in terms of LQ, the individual sectoral employment contributions were not significant, with none of the sectors appearing in the top twenty employers. This is despite the top sector in 2008, the manufacture of other parts and accessories for motor vehicles, having a total employment of 6,083 and that in 2012, the manufacture of motor vehicles, having employment totalling 5,363.

Between 2008 and 2012 there were several changes in terms of the top twenty LQs; the new additions were mostly in manufacturing although exceptions included environmental consulting; support activities to performing arts; and regulation of and contribution to more efficient operation of businesses. The top sectors by jobs were more consistent between the two years, and in fact those sectors that dropped out were within the same broad activity of the new additions, that of the health and residential care sectors.

Localisation of Industrial Activity across England's LEPs

Table 5.25.1: Top 20 Sectors by LQ 2008 – North Eastern

2008 SIC	Top 20 by LQ		North Eastern		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
23190	390	3373	26	722	7.46	Manufacture and processing of other glass, including technical glassware
59120	1715	9611	26	1945	7.05	Motion picture, video and television programme post-production activities
55900	947	5224	35	965	6.43	Other accommodation
43130	231	1414	16	226	5.57	Test drilling and boring
20301	398	15226	20	1614	3.69	Manufacture of paints, varnishes and similar coatings, mastics and sealants
28490	590	5127	15	482	3.27	Manufacture of other machine tools
84300	1324	97878	77	9036	3.22	Compulsory social security activities
81221	887	6159	28	542	3.07	Window cleaning services
26110	637	18895	22	1583	2.92	Manufacture of electronic components
29320	1544	72965	51	6083	2.90	Manufacture of other parts and accessories for motor vehicles
28150	357	10863	14	901	2.89	Manufacture of bearings, gears, gearing and driving elements
13923	431	9000	17	732	2.83	Manufacture of household textiles (other than soft furnishings of 13.92/1)
27400	717	15771	19	1232	2.72	Manufacture of electric lighting equipment
28250	1247	23865	40	1754	2.56	Manufacture of non-domestic cooling and ventilation equipment
17290	1205	9645	32	700	2.53	Manufacture of other articles of paper and paperboard
25120	1118	15628	36	1124	2.51	Manufacture of doors and windows of metal
13921	1206	13615	47	979	2.50	Manufacture of soft furnishings
29100	1179	71454	34	5038	2.46	Manufacture of motor vehicles
46230	326	2030	16	142	2.44	Wholesale of live animals
22210	665	30238	30	2022	2.33	Manufacture of plastic plates, sheets, tubes and profiles
		437981		37822	8.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.25.2: Top 20 Sectors by Jobs 2008 – North Eastern

2008 SIC	Top 20 by jobs		North Eastern		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
84110	12364	657299	389	38300	2.03	General public administration activities
86101	5120	1193554	174	38040	1.11	Hospital activities
85200	27278	919909	841	27409	1.04	Primary education
47110	34592	953306	1123	26968	0.99	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5732	547903	141	15240	0.97	General secondary education
88990	31875	449586	1060	14666	1.14	Other social work activities without accommodation n.e.c.
85421	1628	366035	49	13779	1.31	First-degree level higher education
64191	15467	412985	397	12682	1.07	Banks
56302	48502	391162	1499	12609	1.12	Public houses and bars
78200	29767	669737	264	11535	0.60	Temporary employment agency activities
81210	28775	402194	704	11425	0.99	General cleaning of buildings
47710	26202	353894	739	10543	1.04	Retail sale of clothing in specialised stores
84300	1324	97878	77	9036	3.22	Compulsory social security activities
84240	3018	274005	91	8422	1.07	Public order and safety activities
47190	10290	220975	358	8118	1.28	Other retail sale in non-specialised stores
55100	12377	313180	277	7733	0.86	Hotels and similar accommodation
85590	17116	203392	473	7164	1.23	Other education n.e.c.
84120	4337	184227	210	7042	1.33	Regulation of the activities of providing health care, education, (...)
87900	12010	216666	424	6736	1.08	Other residential care activities
56101	27324	278602	627	6608	0.83	Licensed restaurants

Localisation of Industrial Activity across England's LEPs

Table 5.25.3: Top 20 Sectors by LQ 2012 – North Eastern

2012 SIC	Top 20 by LQ		North Eastern		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
74901	1575	5689	59	1060	6.73	Environmental consulting activities
27320	224	8386	12	1286	5.54	Manufacture of other electronic and electric wires and cables
20301	388	12319	16	1434	4.20	Manufacture of paints, varnishes and similar coatings, mastics and sealants
17230	299	4582	10	504	3.97	Manufacture of paper stationery
43130	258	1420	20	152	3.87	Test drilling and boring
90020	1513	4838	14	492	3.67	Support activities to performing arts
29320	1124	43762	42	4058	3.35	Manufacture of other parts and accessories for motor vehicles
84130	636	56356	25	5180	3.32	Regulation of and contribution to more efficient operation of businesses
84300	557	55896	27	5121	3.31	Compulsory social security activities
29100	770	60654	15	5363	3.19	Manufacture of motor vehicles
23190	273	2330	18	205	3.18	Manufacture and processing of other glass, including technical glassware
27400	705	14302	19	1221	3.08	Manufacture of electric lighting equipment
23120	446	9519	16	753	2.86	Shaping and processing of flat glass
23630	847	4950	34	382	2.79	Manufacture of ready-mixed concrete
25500	759	18305	24	1391	2.74	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
22210	567	24043	22	1772	2.66	Manufacture of plastic plates, sheets, tubes and profiles
28250	972	22540	35	1646	2.64	Manufacture of non-domestic cooling and ventilation equipment
13921	1238	12535	48	889	2.56	Manufacture of soft furnishings
28220	908	16225	34	1127	2.51	Manufacture of lifting and handling equipment
36000	889	28293	32	1925	2.46	Water collection, treatment and supply
		406944		35961	8.8%	Top 20 LEP SICs % of GB SIC jobs

Table 5.25.4: Top 20 Sectors by Jobs 2012 – North Eastern

2012 SIC	Top 20 by jobs		North Eastern		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
86101	5649	1265215	238	43066	1.23	Hospital activities
84110	14113	647996	350	33535	1.87	General public administration activities
47110	38907	1001066	1258	30258	1.09	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	800	27635	1.00	Primary education
85421	1586	388819	34	16083	1.49	First-degree level higher education
85310	5585	597877	130	15390	0.93	General secondary education
88990	31406	456446	995	13962	1.10	Other social work activities without accommodation n.e.c.
78200	16131	635836	238	13381	0.76	Temporary employment agency activities
56302	40012	360425	1247	11500	1.15	Public houses and bars
86900	20625	335775	571	10603	1.14	Other human health activities
47710	24030	356877	646	10313	1.04	Retail sale of clothing in specialised stores
87100	4704	204756	223	9673	1.71	Residential nursing care activities
81210	24563	383804	637	9233	0.87	General cleaning of buildings
47190	12164	238992	414	8966	1.35	Other retail sale in non-specialised stores
88100	11195	244977	379	8737	1.29	Social work activities without accommodation for the elderly and disabled
64191	11082	408711	284	8725	0.77	Banks
84240	2939	269548	88	8379	1.12	Public order and safety activities
87300	12381	228250	487	8318	1.32	Residential care activities for the elderly and disabled
56101	29634	326772	679	7658	0.85	Licensed restaurants
55100	12487	317876	293	7424	0.84	Hotels and similar accommodation

Localisation of Industrial Activity across England's LEPs

Northamptonshire LEP

The Northamptonshire LEP had 316,518 jobs in total in 2008; of which 123,595 or, 39%, were in the top 20 sectors by jobs. By 2012 employment had risen to 319,293; the top 20 sectors now accounted for 124,662 jobs, again 39% of the total. Sectors important in terms of employment were predominantly service sector activities, and included retail; employment agency activities; warehousing; banks and postal services; and management consultancy. Hospital activities; public administration and education constituted the top public sector employers.

In terms of LQ the top sectors were those involving animal, and animal hide related activities; such as manufacture of footwear; tanning and dressing of leather; wholesale of hides; activities of racehorse owners; and raising of animals. By 2012 the top LQs also included other non-related manufacturing such as plastics, and paper; and the wholesale of electronics and office machinery.

It was these non-animal related activities that also appeared in the top twenty sectors by employment, as employment in the hide and related sectors totaled less than 2,000 each. The sectors with high LQs and employment thus included the operation of warehousing and storage facilities for land transport activities, with an LQ of 4.95 and employment of 8,104; freight transport by road, with an LQ of 3.64 and employment of 10,647; and wholesale of other machinery and equipment, with an LQ of 3.42 and employment of 4,179. Warehousing also appeared in both lists in 2012, whilst additional sectors on both lists included building societies; non-specialised wholesale of food, beverages and tobacco; and private security activities.

Between 2008 and 2012 there were several changes in terms of the top twenty LQs, as mentioned above, with new additions including the wholesale of machinery, electronics and perfumes. The top twenty sectors by employment remained broadly the same between 2008 and 2012, with just three changes; two of the new additions were in wholesale and retail, and the other being building societies, all had around 3,000 jobs. The

Localisation of Industrial Activity across England's LEPs

sectors which dropped out of the 2008 list were quite diverse and included wholesale of other machinery and equipment; general medical practice activities; and activities of employment agencies.

Localisation of Industrial Activity across England's LEPs

Table 5.26.1: Top 20 Sectors by LQ 2008 – Northamptonshire

2008 SIC	Top 20 by LQ		Northamptonshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
15200	247	4280	41	1844	36.30	Manufacture of footwear
93191	531	2696	76	697	21.78	Activities of racehorse owners
30120	559	5258	14	824	13.20	Building of pleasure and sporting boats
64192	3011	42746	35	2740	5.40	Building societies
15110	76	1382	12	87	5.30	Tanning and dressing of leather; dressing and dyeing of fur
10890	830	33922	22	2117	5.26	Manufacture of other food products n.e.c.
95110	2139	17931	23	1104	5.19	Repair of computers and peripheral equipment
46240	192	907	13	54	5.02	Wholesale of hides, skins and leather
52103	5366	138029	110	8104	4.95	Operation of warehousing and storage facilities for land transport act. of (...)
22220	557	23834	12	1398	4.94	Manufacture of plastic packing goods
46620	900	6636	22	386	4.90	Wholesale of machine tools
17219	588	26146	15	1320	4.25	Manufacture of paper and paperboard containers other than sacks and bags
18140	421	7042	16	345	4.13	Binding and related services
46760	1597	16336	25	750	3.87	Wholesale of other intermediate products
28990	849	7353	19	320	3.67	Manufacture of other special-purpose machinery n.e.c.
49410	23658	246603	484	10647	3.64	Freight transport by road
46690	9289	102958	159	4179	3.42	Wholesale of other machinery and equipment
33120	1796	33818	30	1351	3.37	Repair of machinery
1490	810	2921	10	111	3.20	Raising of other animals
82920	1427	24674	41	919	3.14	Packaging activities
		745472		39297	5.3%	Top 20 LEP SICs % of GB SIC jobs

Table 5.26.2: Top 20 Sectors by Jobs 2008 – Northamptonshire

2008 SIC	Top 20 by jobs		Northamptonshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	34592	953306	352	14177	1.25	Retail sale in non-specialised stores with food, beverages or tobacco (...)
78200	29767	669737	228	12803	1.61	Temporary employment agency activities
49410	23658	246603	484	10647	3.64	Freight transport by road
85200	27278	919909	369	9803	0.90	Primary education
86101	5120	1193554	41	8748	0.62	Hospital activities
84110	12364	657299	540	8217	1.05	General public administration activities
52103	5366	138029	110	8104	4.95	Operation of warehousing and storage facilities for land transport act. of (...)
85310	5732	547903	56	6864	1.06	General secondary education
80100	7291	164511	91	4871	2.49	Private security activities
64191	15467	412985	94	4454	0.91	Banks
86900	13758	279816	233	4393	1.32	Other human health activities
46690	9289	102958	159	4179	3.42	Wholesale of other machinery and equipment
56302	48502	391162	509	4128	0.89	Public houses and bars
86210	17011	175600	143	3901	1.87	General medical practice activities
81210	28775	402194	478	3471	0.73	General cleaning of buildings
78109	20390	226652	132	3382	1.26	Activities of employment placement agencies (other than [...])
70229	96342	307793	1312	2944	0.81	Management consultancy activities (other than financial management)
88990	31875	449586	310	2921	0.55	Other social work activities without accommodation n.e.c.
45200	31381	173433	453	2840	1.38	Maintenance and repair of motor vehicles
53100	5604	192198	94	2748	1.20	Postal activities under universal service obligation

Localisation of Industrial Activity across England's LEPs

Table 5.26.3: Top 20 Sectors by LQ 2012 – Northamptonshire

2012 SIC	Top 20 by LQ		Northamptonshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
15200	212	3620	34	1679	38.56	Manufacture of footwear
93191	421	1766	82	415	19.54	Activities of racehorse owners
30120	539	8569	17	894	8.67	Building of pleasure and sporting boats
46660	1246	18724	26	1718	7.63	Wholesale of other office machinery and equipment
46240	149	792	14	70	7.35	Wholesale of hides, skins and leather
64192	1960	34885	31	2882	6.87	Building societies
95110	4126	28016	41	2238	6.64	Repair of computers and peripheral equipment
10890	690	26434	22	1888	5.94	Manufacture of other food products n.e.c.
46520	3211	38840	61	2660	5.69	Wholesale of electronic and telecommunications equipment and parts
46620	1002	7740	23	510	5.48	Wholesale of machine tools
74201	789	3876	11	227	4.87	Portrait photographic activities
46450	3162	23282	26	1242	4.44	Wholesale of perfume and cosmetics
52103	5872	196036	144	10357	4.39	Operation of warehousing and storage facilities for land transport act. of (...)
22220	489	21274	11	1037	4.05	Manufacture of plastic packing goods
17219	513	21248	12	997	3.90	Manufacture of paper and paperboard containers other than sacks and bags
28960	798	5121	20	238	3.86	Manufacture of plastics and rubber machinery
46760	1572	15117	20	657	3.61	Wholesale of other intermediate products
46310	1992	30591	17	1291	3.51	Wholesale of fruit and vegetables
46390	3105	78278	40	3123	3.32	Non-specialised wholesale of food, beverages and tobacco
80100	5916	172710	69	6843	3.29	Private security activities
		736919		40966	5.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.26.4: Top 20 Sectors by Jobs 2012 – Northamptonshire

2012 SIC	Top 20 by jobs		Northamptonshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
78200	16131	635836	225	13240	1.73	Temporary employment agency activities
47110	38907	1001066	393	12587	1.05	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5649	1265215	15	11633	0.76	Hospital activities
52103	5872	196036	144	10357	4.39	Operation of warehousing and storage facilities for land transport act. of (...)
85200	25303	1000063	304	10071	0.84	Primary education
84110	14113	647996	352	7527	0.97	General public administration activities
85310	5585	597877	58	7195	1.00	General secondary education
49410	21898	189997	649	7142	3.13	Freight transport by road
80100	5916	172710	69	6843	3.29	Private security activities
86900	20625	335775	267	4951	1.23	Other human health activities
56302	40012	360425	416	3996	0.92	Public houses and bars
81210	24563	383804	293	3914	0.85	General cleaning of buildings
64191	11082	408711	82	3876	0.79	Banks
88990	31406	456446	264	3211	0.58	Other social work activities without accommodation n.e.c.
70229	106896	320672	1545	3140	0.81	Management consultancy activities (other than financial management)
46390	3105	78278	40	3123	3.32	Non-specialised wholesale of food, beverages and tobacco
47710	24030	356877	202	3088	0.72	Retail sale of clothing in specialised stores
53100	5793	166492	85	3036	1.52	Postal activities under universal service obligation
64192	1960	34885	31	2882	6.87	Building societies
45200	35631	185758	510	2850	1.28	Maintenance and repair of motor vehicles

Localisation of Industrial Activity across England's LEPs

Oxfordshire LEP

The Oxfordshire LEP had 313,153 jobs in total in 2008; of which 132,616 or, 42%, were in the top 20 employing sectors. By 2012 employment had risen to 314,120; the top 20 sectors now accounted for 129,062 jobs or 41% of the total. In terms of employment, the most important sectors, in both years, were a combination of public and service sectors. In the former hospital activities; education; and public administration were all key; whilst in the latter business support activities such as employment agency activities; management consultancy; computer consultancy and the cleaning of buildings all featured. Other sectors particularly specific to the LEP include book publishing, and other research and experimental development on natural sciences and engineering.

The sectors of key importance, in terms of LQ, were quite diverse and encompassed agriculture; manufacturing; business services; defence; education and wholesale and retail. The top two sectors by LQ in 2008 were tax consultancy, with an LQ of 9.82; and book publishing with an LQ of 8.66. By 2012 the top two were the manufacture of computers and peripheral equipment, with an LQ of 12.18; and book publishing, whose LQ had risen to 10.45.

Of the top twenty sectors by LQ in 2008 just four appeared on the top sectors by employment. These included book publishing; other research and experimental development on natural sciences and engineering; manufacture of motor vehicles; and first degree level higher education, the latter of which was the top sector by employment, with 17,548 jobs. In 2012 just three of the top sectors by LQ were also top by employment; these included the previous latter two sectors, whilst the third was advertising agencies. Once again first degree higher level education took the top spot with total employment of 20,042.

There was considerable change in the top sectors by LQ between 2008 and 2012, whilst the top employment sectors remained more consistent. Regarding LQ, different manufacturing sectors appeared in 2012, such as plastics, and medical and dental instruments; postgraduate education also

Localisation of Industrial Activity across England's LEPs

featured, as did research and experimental development on social sciences and humanities. However advertising agencies was the only new sector in 2012 to appear as new in both the top LQs and top employers, with an LQ of 3.32 and a total employment of 3,432. The only other new sector in 2012 with a significant employment contribution was other human health activities with employment of 6,000.

Localisation of Industrial Activity across England's LEPs

Table 5.27.1: Top 20 Sectors by LQ 2008 – Oxfordshire

2008 SIC	Top 20 by LQ		Oxfordshire		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
69203	584	2385	134	275	9.82	Tax consultancy
58110	2357	29681	76	3018	8.66	Book publishing
26200	907	14359	17	1176	6.97	Manufacture of computers and peripheral equipment
20590	591	17223	12	1287	6.36	Manufacture of other chemical products n.e.c.
85510	1409	12800	24	728	4.84	Sports and recreation education
72190	3521	112000	149	6001	4.56	Other research and experimental development on sciences and eng'ing
1470	1558	11497	28	613	4.54	Raising of poultry
29100	1179	71454	10	3598	4.29	Manufacture of motor vehicles
85421	1628	366035	60	17548	4.08	First-degree level higher education
77210	903	4640	20	195	3.58	Renting and leasing of recreational and sports goods
27900	703	9122	11	348	3.25	Manufacture of other electrical equipment
71112	964	5920	24	221	3.18	Urban planning and landscape architectural activities
82302	1072	7164	24	258	3.07	Activities of conference organizers
73200	3052	64561	61	2259	2.98	Market research and public opinion polling
46610	1438	14315	23	478	2.84	Wholesale of agricultural machinery, equipment and supplies
1430	8795	24673	100	814	2.81	Raising of horses and other equines
18201	840	2232	12	70	2.67	Reproduction of sound recording
26301	1384	23467	19	728	2.64	Manufacture of telegraph and telephone apparatus and equipment
84220	663	75195	11	2314	2.62	Defence activities
22290	2683	50071	31	1496	2.54	Manufacture of other plastic products
		918794		43425	4.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.27.2: Top 20 Sectors by Jobs 2008 – Oxfordshire

2008 SIC	Top 20 by jobs		Oxfordshire		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
85421	1628	366035	60	17548	4.08	First-degree level higher education
86101	5120	1193554	71	13594	0.97	Hospital activities
47110	34592	953306	301	11190	1.00	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	308	9758	0.90	Primary education
47710	26202	353894	304	9521	2.29	Retail sale of clothing in specialised stores
78200	29767	669737	172	8040	1.02	Temporary employment agency activities
70229	96342	307793	1712	7610	2.11	Management consultancy activities (other than financial management)
84110	12364	657299	311	6883	0.89	General public administration activities
72190	3521	112000	149	6001	4.56	Other research and experimental development on sciences and eng'ing
56302	48502	391162	663	5855	1.27	Public houses and bars
88990	31875	449586	377	5629	1.07	Other social work activities without accommodation n.e.c.
85310	5732	547903	93	4189	0.65	General secondary education
62020	55563	232129	824	4038	1.48	Computer consultancy activities
29100	1179	71454	10	3598	4.29	Manufacture of motor vehicles
81210	28775	402194	424	3450	0.73	General cleaning of buildings
55100	12377	313180	155	3351	0.91	Hotels and similar accommodation
78109	20390	226652	125	3177	1.19	Activities of employment placement agencies (other than [...])
84240	3018	274005	38	3173	0.99	Public order and safety activities
58110	2357	29681	76	3018	8.66	Book publishing
49410	23658	246603	181	2993	1.03	Freight transport by road

Localisation of Industrial Activity across England's LEPs

Table 5.27.3: Top 20 Sectors by LQ 2012 - Oxfordshire

2012 SIC	Top 20 by LQ		Oxfordshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
26200	785	9094	13	1311	12.18	Manufacture of computers and peripheral equipment
58110	2002	24591	67	3040	10.45	Book publishing
85422	405	5269	11	499	8.00	Post-graduate level higher education
20590	555	14308	11	1011	5.97	Manufacture of other chemical products n.e.c.
1470	1707	12318	28	780	5.35	Raising of poultry
73200	2997	51400	80	3138	5.16	Market research and public opinion polling
72190	3464	98848	171	5362	4.58	Other research and experimental development on sciences and eng'ing
69203	950	3126	18	163	4.41	Tax consultancy
85421	1586	388819	61	20042	4.36	First-degree level higher education
26301	1115	12880	17	563	3.69	Manufacture of telegraph and telephone apparatus and equipment
28960	798	5121	12	222	3.66	Manufacture of plastics and rubber machinery
47591	446	2116	11	91	3.63	Retail sale of musical instruments and scores in specialised stores
73110	13222	87399	179	3432	3.32	Advertising agencies
82110	2231	14306	30	532	3.14	Combined office administrative service activities
46610	1508	14779	24	513	2.93	Wholesale of agricultural machinery, equipment and supplies
58290	1712	8204	39	274	2.82	Other software publishing
32500	1977	35151	40	1137	2.73	Manufacture of medical and dental instruments and supplies
46750	1625	15797	22	509	2.72	Wholesale of chemical products
72200	523	4440	22	143	2.72	Research and experimental development on social sciences and humanities
77210	823	4908	16	153	2.63	Renting and leasing of recreational and sports goods
			812874	42915	5.3%	Top 20 LEP SICs % of GB SIC jobs

Table 5.27.4: Top 20 Sectors by Jobs 2012 - Oxfordshire

2012 SIC	Top 20 by jobs		Oxfordshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85421	1586	388819	61	20042	4.36	First-degree level higher education
86101	5649	1265215	40	13262	0.89	Hospital activities
85200	25303	1000063	422	11711	0.99	Primary education
47110	38907	1001066	333	10747	0.91	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5585	597877	168	7994	1.13	General secondary education
86900	20625	335775	291	6411	1.61	Other human health activities
78200	16131	635836	158	5933	0.79	Temporary employment agency activities
70229	106896	320672	2042	5452	1.44	Management consultancy activities (other than financial management)
72190	3464	98848	171	5362	4.58	Other research and experimental development on sciences and eng'ing
88990	31406	456446	385	4774	0.88	Other social work activities without accommodation n.e.c.
56302	40012	360425	533	4475	1.05	Public houses and bars
47710	24030	356877	315	4278	1.01	Retail sale of clothing in specialised stores
62020	67949	273313	993	3951	1.22	Computer consultancy activities
81210	24563	383804	376	3870	0.85	General cleaning of buildings
56101	29634	326772	360	3781	0.98	Licensed restaurants
84110	14113	647996	322	3689	0.48	General public administration activities
73110	13222	87399	179	3432	3.32	Advertising agencies
56210	17371	196669	325	3381	1.45	Event catering activities
84240	2939	269548	39	3299	1.03	Public order and safety activities
55100	12487	317876	156	3218	0.86	Hotels and similar accommodation

Localisation of Industrial Activity across England's LEPs

South East LEP

The South East LEP had 1,434,251 jobs in total in 2008; of which 531,998 or, 37%, were in the top 20 sectors by jobs. By 2012 employment had risen to 1,459,945; the top 20 sectors now accounted for 560,818 jobs or 38% of the total. The top sectors by employment included retail; tourism activities such as restaurants and public houses; and business support activities such as employment agencies and management consultancy. The key public sector activities were mostly related to health and residential care.

In terms of LQ the top sectors were a mixture of agriculture related activities; manufacturing, and service activities. The growing of fruit and crops was the main agricultural activity in the LEP; manufacturing largely concerned office machinery and ink and paper; whilst the main service activities included those to do with water transportation; and the retail of jewellery and instruments.

Importantly, none of the top twenty sectors by LQ in 2008 appeared in the top sectors by employment, this is despite the fact that a couple of the sectors, such as activities in transportation and retail, had employment of more than 5,000. The same story held in 2012, with none of the sectors with a high LQ appearing on the list of top employers.

Between 2008 and 2012 the main changes were in the list of top sectors by LQ, the list in 2012 now including more wholesale sectors. New additions to the list also included the production of abrasive products, and electronic components; the treatment of hazardous waste; and research and experimental development on biotechnology.

The top sectors by employment remained broadly unchanged between 2008-2012 just three sectors dropped off the list; banks, freight transport and other business support activities, all of which had between 14,000 – 16,000 jobs. New additions in 2012 were social work activities (16,000 jobs); construction of domestic buildings and maintenance and repair of motor vehicles (both with 14,000 jobs).

Primary education moved into the top jobs spot in 2012, up from third, with

Localisation of Industrial Activity across England's LEPs

employment of 73,725. Retail sale in non-specialised stores moved from first to second place, despite employment increasing from 66,000 to 68,000.

Localisation of Industrial Activity across England's LEPs

Table 5.28.1: Top 20 Sectors by LQ 2008 – South East

2008 SIC	Top 20 by LQ		South East		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
1250	64	483	16	329	12.66	Growing of other tree and bush fruits and nuts
1240	579	3976	167	1491	6.97	Growing of pome fruits and stone fruits
28230	146	7255	12	1889	4.84	Manufacture of office machinery and equipment (except computers [...])
52242	213	4712	22	1151	4.54	Cargo handling for air transport activities of division 51
47741	512	1980	42	473	4.44	Retail sale of hearing aids in specialised stores
52241	132	2403	12	522	4.04	Cargo handling for water transport activities of division 50
20302	170	2993	10	563	3.50	Manufacture of printing ink
17120	340	13938	32	2453	3.27	Manufacture of paper and paperboard
20412	210	4282	21	721	3.13	Manufacture of cleaning and polishing preparations
95250	331	1042	34	162	2.89	Repair of watches, clocks and jewellery
46491	154	905	17	128	2.63	Wholesale of musical instruments
47770	6273	36475	431	5096	2.60	Retail sale of watches and jewellery in specialised stores
51210	359	3093	31	432	2.60	Freight air transport
50100	445	13527	40	1810	2.49	Sea and coastal passenger water transport
52220	935	20571	89	2723	2.46	Service activities incidental to water transportation
46170	1049	4886	87	577	2.20	Agents involved in the sale of food, beverages and tobacco
1190	580	4740	62	556	2.18	Growing of other non-perennial crops
18140	421	7042	38	800	2.11	Binding and related services
1110	8134	29256	701	3280	2.08	Growing of cereals (except rice), leguminous crops and oil seeds
52290	5138	59622	588	6523	2.03	Other transportation support activities
		223181		31679	14.2%	Top 20 LEP SICs % of GB SIC jobs

Table 5.28.2: Top 20 Sectors by Jobs 2008 – South East

2008 SIC	Top 20 by jobs		South East		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
47110	34592	953306	1872	65725	1.28	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5120	1193554	515	62467	0.97	Hospital activities
85200	27278	919909	1742	59122	1.19	Primary education
85310	5732	547903	370	38812	1.32	General secondary education
84110	12364	657299	833	36470	1.03	General public administration activities
78200	29767	669737	1003	28594	0.79	Temporary employment agency activities
47710	26202	353894	1594	22205	1.17	Retail sale of clothing in specialised stores
88990	31875	449586	1716	21897	0.91	Other social work activities without accommodation n.e.c.
56302	48502	391162	2936	19685	0.94	Public houses and bars
81210	28775	402194	1926	18511	0.86	General cleaning of buildings
86900	13758	279816	1040	17940	1.19	Other human health activities
87300	11996	213537	949	16459	1.43	Residential care activities for the elderly and disabled
87900	12010	216666	946	16374	1.41	Other residential care activities
64191	15467	412985	926	16313	0.73	Banks
56101	27324	278602	1829	15725	1.05	Licensed restaurants
49410	23658	246603	1681	15664	1.18	Freight transport by road
47190	10290	220975	663	15467	1.30	Other retail sale in non-specialised stores
70229	96342	307793	5576	15120	0.91	Management consultancy activities (other than financial management)
84240	3018	274005	118	15044	1.02	Public order and safety activities
82990	72283	252302	4614	14404	1.06	Other business support service activities n.e.c.

Localisation of Industrial Activity across England's LEPs

Table 5.28.3: Top 20 Sectors by LQ 2012 – South East

2012 SIC	Top 20 by LQ		South East		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
1240	573	10057	177	3870	7.00	Growing of pome fruits and stone fruits
23910	80	1681	11	491	5.31	Production of abrasive products
52241	110	1862	13	541	5.28	Cargo handling for water transport activities of division 50
1250	89	904	20	257	5.17	Growing of other tree and bush fruits and nuts
46480	986	6979	39	1948	5.08	Wholesale of watches and jewellery
46431	392	3847	31	906	4.28	Wholesale of [audio/video records] and [player equipment]
28230	125	5853	14	1272	3.95	Manufacture of office machinery and equipment (except computers [...])
72110	431	5498	25	961	3.18	Research and experimental development on biotechnology
38220	119	6119	16	887	2.64	Treatment and disposal of hazardous waste
50100	486	7524	38	1058	2.56	Sea and coastal passenger water transport
52242	223	5031	16	683	2.47	Cargo handling for air transport activities of division 51
47741	569	2106	39	281	2.43	Retail sale of hearing aids in specialised stores
47770	6243	37123	411	4905	2.40	Retail sale of watches and jewellery in specialised stores
17120	279	9980	19	1313	2.39	Manufacture of paper and paperboard
95250	304	992	28	125	2.29	Repair of watches, clocks and jewellery
46491	156	1093	15	137	2.28	Wholesale of musical instruments
50400	73	353	13	44	2.27	Inland freight water transport
46310	1992	30591	163	3744	2.23	Wholesale of fruit and vegetables
52220	967	21838	84	2641	2.20	Service activities incidental to water transportation
26110	585	14700	33	1777	2.20	Manufacture of electronic components
			174131	27841	16.0%	Top 20 LEP SICs % of GB SIC jobs

Table 5.28.4: Top 20 Sectors by Jobs 2012 – South East

2012 SIC	Top 20 by jobs		South East		LQ (LEP)	SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)		
85200	25303	1000063	1546	73725	1.34	Primary education
47110	38907	1001066	2116	68123	1.24	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5649	1265215	435	64524	0.93	Hospital activities
85310	5585	597877	359	44305	1.35	General secondary education
78200	16131	635836	977	33008	0.94	Temporary employment agency activities
84110	14113	647996	981	32944	0.92	General public administration activities
47710	24030	356877	1450	22319	1.14	Retail sale of clothing in specialised stores
88990	31406	456446	1845	22142	0.88	Other social work activities without accommodation n.e.c.
81210	24563	383804	1608	20430	0.97	General cleaning of buildings
56302	40012	360425	2481	19770	1.00	Public houses and bars
87900	11619	212267	922	18346	1.57	Other residential care activities
56101	29634	326772	1871	18090	1.01	Licensed restaurants
87300	12381	228250	940	16572	1.32	Residential care activities for the elderly and disabled
86900	20625	335775	1275	16381	0.89	Other human health activities
70229	106896	320672	6515	16310	0.92	Management consultancy activities (other than financial management)
88100	11195	244977	685	16207	1.20	Social work activities without accommodation for the elderly and disabled
47190	12164	238992	765	15245	1.16	Other retail sale in non-specialised stores
84240	2939	269548	110	15224	1.03	Public order and safety activities
41202	28148	207297	2083	13584	1.19	Construction of domestic buildings
45200	35631	185758	2504	13569	1.33	Maintenance and repair of motor vehicles

Localisation of Industrial Activity across England's LEPs

South East Midlands LEP

The South East Midlands LEP had 776,963 jobs in total in 2008; of which 277,724 or, 36%, were in the top 20 employing sectors. By 2012 employment had fallen to 766,590; the top 20 sectors now accounted for 286,473 jobs or 37% of the total. The top private sectors by employment included retail; warehousing and freight; hotels and public houses; and business support activities such as employment agencies; cleaning and computer and management consultancy. The key public sector activities were mostly related to education.

Around half of the top sectors by LQ were in the manufacturing sector, and specifically in the manufacture of footwear, food and electronic items. In terms of the top services these were mainly in the wholesale and repair sectors, although by 2012 building societies and financial leasing had also become important to the LEP.

In 2008 just two of the top sectors by LQ appeared in the list of the top sectors by employment; these were the operation of warehousing and storage facilities for land transport activities, with an LQ of 2.95 and employment of almost 12,000; and wholesale of other machinery and equipment, with an LQ of 2.73 and employment of around 8,000. In 2012 just one sector, the operation of warehousing and storage facilities, appeared on both lists with an LQ of 2.76 and employment totalling around 15,000.

Between 2008 and 2012 the main changes were in the list of top sectors by LQ, with additional sectors involving manufacturing and wholesale activities of other plastic and electronic goods. The top twenty sectors by employment remained virtually unchanged, the list differing by just two sectors. In 2012 the new additions included public order and safety activities and activities of head offices, with 8,000 jobs in each.

The top three sectors in both years (although with different rankings) were primary education; temporary employment agency activities and retail sale in non-specialised stores, all with employment of between 25,000 and 31,000.

Localisation of Industrial Activity across England's LEPs

Table 5.29.1: Top 20 Sectors by LQ 2008 – South East Midlands

2008 SIC	Top 20 by LQ		South East Midlands			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
15200	247	4280	31	1452	11.64	Manufacture of footwear
26512	316	6903	21	1368	6.80	Manufacture of electronic industrial process control equipment
64204	817	12983	25	2481	6.56	Activities of distribution holding companies
11050	453	13876	13	1937	4.79	Manufacture of beer
95210	621	2294	22	298	4.46	Repair of consumer electronics
46370	385	2292	10	277	4.15	Wholesale of coffee, tea, cocoa and spices
46190	1067	5167	45	542	3.60	Agents involved in the sale of a variety of goods
95110	2139	17931	79	1845	3.53	Repair of computers and peripheral equipment
10890	830	33922	31	3341	3.38	Manufacture of other food products n.e.c.
64209	2327	14778	99	1350	3.14	Activities of other holding companies (not incl. [...]) n.e.c.
24420	196	7942	13	723	3.12	Aluminium production
46620	900	6636	46	587	3.04	Wholesale of machine tools
52103	5366	138029	228	11868	2.95	Operation of warehousing and storage facilities for land transport act. of (...)
46450	1551	17512	41	1486	2.91	Wholesale of perfume and cosmetics
2400	378	1709	15	140	2.81	Support services to forestry
46690	9289	102958	406	8184	2.73	Wholesale of other machinery and equipment
10910	335	7270	11	577	2.72	Manufacture of prepared feeds for farm animals
29310	271	7489	11	571	2.62	Manufacture of electrical and electronic equipment for motor vehicles
28990	849	7353	46	553	2.58	Manufacture of other special-purpose machinery n.e.c.
30990	113	798	15	59	2.54	Manufacture of other transport equipment n.e.c.
		412122		39639	9.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.29.2: Top 20 Sectors by Jobs 2008 – South East Midlands

2008 SIC	Top 20 by jobs		South East Midlands			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	34592	953306	802	30202	1.09	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	798	26904	1.00	Primary education
78200	29767	669737	597	24852	1.27	Temporary employment agency activities
86101	5120	1193554	145	21670	0.62	Hospital activities
49410	23658	246603	909	17784	2.48	Freight transport by road
85310	5732	547903	170	16134	1.01	General secondary education
84110	12364	657299	657	14465	0.76	General public administration activities
81210	28775	402194	937	11890	1.01	General cleaning of buildings
52103	5366	138029	228	11868	2.95	Operation of warehousing and storage facilities for land transport act. of (...)
64191	15467	412985	340	11671	0.97	Banks
56302	48502	391162	1242	10965	0.96	Public houses and bars
70229	96342	307793	3576	10044	1.12	Management consultancy activities (other than financial management)
47710	26202	353894	631	9658	0.94	Retail sale of clothing in specialised stores
88990	31875	449586	821	9417	0.72	Other social work activities without accommodation n.e.c.
55100	12377	313180	208	8811	0.97	Hotels and similar accommodation
85421	1628	366035	38	8486	0.80	First-degree level higher education
86900	13758	279816	500	8334	1.02	Other human health activities
80100	7291	164511	263	8229	1.72	Private security activities
46690	9289	102958	406	8184	2.73	Wholesale of other machinery and equipment
62020	55563	232129	2011	8156	1.21	Computer consultancy activities

Localisation of Industrial Activity across England's LEPs

Table 5.29.3: Top 20 Sectors by LQ 2012 – South East Midlands

2012 SIC	Top 20 by LQ		South East Midlands			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
15200	212	3620	23	1365	13.06	Manufacture of footwear
20412	202	4068	11	526	4.48	Manufacture of cleaning and polishing preparations
46660	1246	18724	61	2294	4.24	Wholesale of other office machinery and equipment
26512	269	4288	16	525	4.24	Manufacture of electronic industrial process control equipment
11050	621	12267	19	1357	3.83	Manufacture of beer
95110	4126	28016	138	2991	3.70	Repair of computers and peripheral equipment
46520	3211	38840	178	3946	3.52	Wholesale of electronic and telecommunications equipment and parts
10890	690	26434	28	2671	3.50	Manufacture of other food products n.e.c.
28960	798	5121	32	453	3.06	Manufacture of plastics and rubber machinery
46620	1002	7740	43	682	3.05	Wholesale of machine tools
64192	1960	34885	51	3073	3.05	Building societies
46439	1831	25071	68	2086	2.88	Wholesale of radio and [TV] goods and of elec. household appliances (not [...])
64910	541	4744	21	392	2.86	Financial leasing
46220	871	7618	32	623	2.83	Wholesale of flowers and plants
46450	3162	23282	99	1895	2.82	Wholesale of perfume and cosmetics
52103	5872	196036	274	15647	2.76	Operation of warehousing and storage facilities for land transport act. of (...)
22220	489	21274	29	1624	2.64	Manufacture of plastic packing goods
10910	271	6796	10	506	2.58	Manufacture of prepared feeds for farm animals
17230	299	4582	13	337	2.55	Manufacture of paper stationery
26120	387	9850	18	706	2.48	Manufacture of loaded electronic boards
		483256		43699	9.0%	Top 20 LEP SICs % of GB SIC jobs

Table 5.29.4: Top 20 Sectors by Jobs 2012 – South East Midlands

2012 SIC	Top 20 by jobs		South East Midlands			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	25303	1000063	777	30605	1.06	Primary education
78200	16131	635836	595	28229	1.54	Temporary employment agency activities
47110	38907	1001066	951	27554	0.95	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5649	1265215	79	27100	0.74	Hospital activities
85310	5585	597877	160	17082	0.99	General secondary education
84110	14113	647996	516	16163	0.86	General public administration activities
52103	5872	196036	274	15647	2.76	Operation of warehousing and storage facilities for land transport act. of (...)
86900	20625	335775	669	10807	1.11	Other human health activities
70229	106896	320672	4154	10570	1.14	Management consultancy activities (other than financial management)
47710	24030	356877	602	10060	0.98	Retail sale of clothing in specialised stores
62020	67949	273313	2703	9967	1.26	Computer consultancy activities
80100	5916	172710	226	9928	1.99	Private security activities
49410	21898	189997	1001	9869	1.80	Freight transport by road
64191	11082	408711	235	9775	0.83	Banks
56302	40012	360425	1024	9559	0.92	Public houses and bars
81210	24563	383804	660	9330	0.84	General cleaning of buildings
88990	31406	456446	789	9051	0.69	Other social work activities without accommodation n.e.c.
85421	1586	388819	30	8708	0.78	First-degree level higher education
84240	2939	269548	75	8258	1.06	Public order and safety activities
70100	4831	183422	213	8211	1.55	Activities of head offices

Localisation of Industrial Activity across England's LEPs

Sheffield City Region LEP

The Sheffield City Region LEP had 660,353 jobs in total in 2008; of which 254,263 or, 39%, were in the top 20 sectors by jobs. By 2012 employment had fallen to 637,857; the top 20 sectors now accounted for 264,402 jobs or 41% of the total. Hospital activities; health, public administration and education were all important in terms of employment, whilst the private sectors of key importance included retail, call centres, banks and construction.

By contrast, the top sectors by LQ largely involved activities surrounding the production and manufacture of iron and steel and, related products, such as cutlery and tools. One of the few top sectors not involved in these activities was that of call centres, with an LQ of 4.33 in 2008; 4.80 in 2012 and employment of around 8,000.

Despite the predominance of the manufacturing sectors, their employment contribution was limited, with most individual sectors employing 4,000 or less. In fact, the only sector to appear in the list of top LQs and top twenty employers was that of call centres.

Between 2008 and 2012 there were several changes to the list of top sectors by LQ, although the additional sectors were predominantly still involved in manufacturing, and mainly involved in the production of other types of machinery or metal containers. The top twenty sectors by employment showed less change; and in fact the top three sectors in both years, in descending order, were hospital activities; primary education; and retail sale in non-specialised stores, all with employment of between 25,000 and 47,000. The largest new sector to appear in the 2012 top sectors by jobs was other human health activities, with 10,000 jobs.

Localisation of Industrial Activity across England's LEPs

Table 5.30.1: Top 20 Sectors by LQ 2008 – Sheffield City Region

2008 SIC	Top 20 by LQ		Sheffield City Region			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
25710	39	746	27	387	20.95	Manufacture of cutlery
24510	169	6737	10	1783	10.69	Casting of iron
24520	149	3283	16	755	9.29	Casting of steel
42120	295	8683	12	1665	7.74	Construction of railways and underground railways
25730	1297	15829	121	2801	7.15	Manufacture of tools
25930	538	11487	38	2014	7.08	Manufacture of wire products, chain and springs
23200	165	4159	22	685	6.65	Manufacture of refractory products
24100	173	21285	25	3340	6.34	Manufacture of basic iron and steel and of ferro-alloys
10890	830	33922	23	4088	4.87	Manufacture of other food products n.e.c.
82200	893	81990	25	8801	4.33	Activities of call centres
25500	997	25636	48	2437	3.84	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
28990	849	7353	31	585	3.21	Manufacture of other special-purpose machinery n.e.c.
46770	1382	11660	76	899	3.11	Wholesale of waste and scrap
23910	108	2188	11	163	3.01	Production of abrasive products
43110	391	3810	11	273	2.89	Demolition
1629	1258	7134	38	509	2.88	Support activities for animal production (other than [...]) n.e.c.
27400	717	15771	21	1124	2.88	Manufacture of electric lighting equipment
23690	169	1426	11	101	2.86	Manufacture of other articles of concrete, plaster and cement
47749	856	3930	39	275	2.83	Retail sale of medical and orthopaedic goods (not hearing aids) n.e.c.
29202	301	8093	11	559	2.79	Manufacture of trailers and semi-trailers
		275122		33244	12.1%	Top 20 LEP SICs % of GB SIC jobs

Table 5.30.2: Top 20 Sectors by LQ 2012 – Sheffield City Region

2008 SIC	Top 20 by jobs		Sheffield City Region			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	85	46169	1.56	Hospital activities
85200	27278	919909	784	26999	1.19	Primary education
47110	34592	953306	901	23672	1.00	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5732	547903	117	14119	1.04	General secondary education
88990	31875	449586	808	13905	1.25	Other social work activities without accommodation n.e.c.
85421	1628	366035	14	12382	1.37	First-degree level higher education
84110	12364	657299	253	12098	0.74	General public administration activities
78200	29767	669737	282	11207	0.68	Temporary employment agency activities
56302	48502	391162	1481	11140	1.15	Public houses and bars
82200	893	81990	25	8801	4.33	Activities of call centres
64191	15467	412985	249	8683	0.85	Banks
49410	23658	246603	653	8237	1.35	Freight transport by road
47710	26202	353894	547	8009	0.91	Retail sale of clothing in specialised stores
85590	17116	203392	415	7660	1.52	Other education n.e.c.
42990	18535	208438	404	7261	1.41	Construction of other civil engineering projects n.e.c.
41202	24979	214682	562	7251	1.36	Construction of domestic buildings
84120	4337	184227	107	7100	1.56	Regulation of the activities of providing health care, education, (...)
84240	3018	274005	86	6607	0.97	Public order and safety activities
53100	5604	192198	178	6482	1.36	Postal activities under universal service obligation
45200	31381	173433	818	6481	1.51	Maintenance and repair of motor vehicles

Localisation of Industrial Activity across England's LEPs

Table 5.30.3: Top 20 Sectors by LQ 2012 – Sheffield City Region

2012 SIC	Top 20 by LQ		Sheffield City Region			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
25710	33	361	21	257	29.63	Manufacture of cutlery
24520	115	3082	18	786	10.61	Casting of steel
24100	268	21788	38	3851	7.36	Manufacture of basic iron and steel and of ferro-alloys
25930	470	7793	29	1295	6.92	Manufacture of wire products, chain and springs
10890	690	26434	16	4299	6.77	Manufacture of other food products n.e.c.
25730	1085	13615	97	2105	6.43	Manufacture of tools
23200	110	2413	14	341	5.88	Manufacture of refractory products
24450	100	4198	11	560	5.55	Other non-ferrous metal production
82200	999	72636	27	8373	4.80	Activities of call centres
25290	172	4011	12	416	4.32	Manufacture of other tanks, reservoirs and containers of metal
31020	963	12878	22	1172	3.79	Manufacture of kitchen furniture
33170	558	8820	19	732	3.45	Repair and maintenance of other transport equipment
28930	407	6171	18	512	3.45	Manufacture of machinery for food, beverage and tobacco processing
25500	759	18305	31	1433	3.26	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
27400	705	14302	22	1116	3.25	Manufacture of electric lighting equipment
42120	366	8009	19	620	3.22	Construction of railways and underground railways
25610	1404	20041	55	1481	3.08	Treatment and coating of metals
28960	798	5121	27	375	3.05	Manufacture of plastics and rubber machinery
46720	1927	26148	132	1795	2.86	Wholesale of metals and metal ores
43342	1883	6796	43	461	2.82	Glazing
		282922		31980	11.3%	Top 20 LEP SICs % of GB SIC jobs

Table 5.30.4: Top 20 Sectors by Jobs 2012 – Sheffield City Region

2012 SIC	Top 20 by jobs		Sheffield City Region			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	137	46814	1.54	Hospital activities
85200	25303	1000063	711	27134	1.13	Primary education
47110	38907	1001066	993	25901	1.08	Retail sale in non-specialised stores with food, beverages or tobacco (...)
84110	14113	647996	536	19433	1.25	General public administration activities
85310	5585	597877	113	14640	1.02	General secondary education
78200	16131	635836	260	12677	0.83	Temporary employment agency activities
88990	31406	456446	711	11918	1.09	Other social work activities without accommodation n.e.c.
86900	20625	335775	512	10443	1.29	Other human health activities
56302	40012	360425	1098	9180	1.06	Public houses and bars
64191	11082	408711	222	9154	0.93	Banks
85421	1586	388819	10	9084	0.97	First-degree level higher education
85590	18126	202609	423	9050	1.86	Other education n.e.c.
47710	24030	356877	480	8825	1.03	Retail sale of clothing in specialised stores
82200	999	72636	27	8373	4.80	Activities of call centres
52103	5872	196036	147	7972	1.69	Operation of warehousing and storage facilities for land transport act. of (...)
47190	12164	238992	268	7951	1.38	Other retail sale in non-specialised stores
87100	4704	204756	142	6979	1.42	Residential nursing care activities
41202	28148	207297	609	6762	1.36	Construction of domestic buildings
84240	2939	269548	90	6143	0.95	Public order and safety activities
81210	24563	383804	447	5969	0.65	General cleaning of buildings

Localisation of Industrial Activity across England's LEPs

Solent LEP

The Solent LEP had 653,401 jobs in total in 2008; of which 244,273 or, 37%, were in the top 20 sectors by jobs. By 2012 employment had fallen to 649,007; the top 20 sectors now accounted for 245,469 jobs or 38% of the total. The top sectors by employment could be split into three broad categories; 1) public sector activities of health, education and public administration; 2) business support activities such as employment agencies; cleaning; information technology; and management consultancy; and 3) tourism related sectors such as public houses, hotels, restaurants and retail.

By contrast, the top sectors by LQ were involved predominantly, particularly in 2008, in sectors concerned with water and coastal activities. This included water transport, boat building, repair of boats and ships; and renting and leasing of water transportation. In 2012, although these activities were still important, other more diverse sectors now included in the top twenty sectors by LQ included newspaper publishing; and the manufacture of electronic and telecommunication equipment.

Despite the concentration of such water-based activities in the LEP, there was no real employment impact. In fact, just one sector, defence, appeared in the list of top LQs and top sectors by employment. In 2008 the defence sector had an employment total of 6,680 and an LQ of 3.63; by 2012 employment had fallen to 5,241 and the LQ had dropped to 3.12.

As mentioned above, there were several new sectors in the top LQs in 2012, compared to 2008. Two of the main sectors to drop out of the top twenty LQs between 2008 and 2012 were technical testing and the manufacture of air and spacecraft and related machinery. Both had LQs of around 2.8; whilst employment in 2008 in the former totalled 3,068, and 4,210 in the latter. There was little change in the top twenty sectors by employment between the two years; retail in non-specialised stores remained in the top spot with employment falling slightly from 28,426 to 27,824.

Localisation of Industrial Activity across England's LEPs

Table 5.31.1: Top 20 Sectors by LQ 2008 - Solent

2008 SIC	Top 20 by LQ		Solent			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
64203	395	1988	28	341	7.00	Activities of construction holding companies
50100	445	13527	67	2036	6.14	Sea and coastal passenger water transport
30120	559	5258	89	784	6.09	Building of pleasure and sporting boats
47741	512	1980	71	199	4.10	Retail sale of hearing aids in specialised stores
33150	418	14411	75	1364	3.86	Repair and maintenance of ships and boats
52220	935	20571	88	1829	3.63	Service activities incidental to water transportation
84220	663	75195	28	6680	3.63	Defence activities
77342	116	535	13	47	3.59	Renting and leasing of freight water transport equipment
16290	1070	7287	31	634	3.55	Manufacture of other products of wood; [also] of cork, straw, plaiting materials
46620	900	6636	32	560	3.44	Wholesale of machine tools
13922	304	2472	25	208	3.43	Manufacture of canvas goods, sacks etc.
77341	177	646	21	54	3.41	Renting and leasing of passenger water transport equipment
55201	761	22433	31	1839	3.35	Holiday centres and villages
42910	320	2573	16	202	3.20	Construction of water projects
32500	2093	40957	66	3138	3.13	Manufacture of medical and dental instruments and supplies
25400	161	16345	11	1237	3.09	Manufacture of weapons and ammunition
50200	697	8324	49	580	2.84	Sea and coastal freight water transport
71200	4579	44174	116	3068	2.83	Technical testing and analysis
30300	443	61623	32	4210	2.79	Manufacture of air and spacecraft and related machinery
26200	907	14359	41	905	2.57	Manufacture of computers and peripheral equipment
		361294		29915	8.3%	Top 20 LEP SICs % of GB SIC jobs

Table 5.31.2: Top 20 Sectors by Jobs 2008 - Solent

2008 SIC	Top 20 by jobs		Solent			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	34592	953306	824	28426	1.22	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5120	1193554	145	26287	0.90	Hospital activities
85200	27278	919909	673	26029	1.15	Primary education
84110	12364	657299	284	16611	1.03	General public administration activities
78200	29767	669737	395	16579	1.01	Temporary employment agency activities
88990	31875	449586	752	14494	1.32	Other social work activities without accommodation n.e.c.
81210	28775	402194	1107	12880	1.31	General cleaning of buildings
56302	48502	391162	1212	11018	1.15	Public houses and bars
85310	5732	547903	112	11005	0.82	General secondary education
85421	1628	366035	26	10495	1.17	First-degree level higher education
86900	13758	279816	402	8517	1.24	Other human health activities
71129	53114	223349	1094	7479	1.37	Other engineering activities (not including [...])
55100	12377	313180	326	7386	0.96	Hotels and similar accommodation
47710	26202	353894	608	7365	0.85	Retail sale of clothing in specialised stores
87900	12010	216666	399	6935	1.31	Other residential care activities
56101	27324	278602	685	6695	0.98	Licensed restaurants
84220	663	75195	28	6680	3.63	Defence activities
64191	15467	412985	357	6618	0.65	Banks
62090	31906	130393	1066	6483	2.03	Other information technology and computer service activities
70229	96342	307793	2561	6291	0.83	Management consultancy activities (other than financial management)

Localisation of Industrial Activity across England's LEPs

Table 5.31.3: Top 20 Sectors by LQ 2012 - Solent

2012 SIC	Top 20 by LQ		Solent			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
50100	486	7524	53	1962	10.67	Sea and coastal passenger water transport
33150	442	4962	81	626	5.16	Repair and maintenance of ships and boats
58130	756	49161	21	5804	4.83	Publishing of newspapers
52220	967	21838	106	2468	4.62	Service activities incidental to water transportation
33130	247	2994	11	308	4.21	Repair of electronic and optical equipment
26120	387	9850	24	996	4.14	Manufacture of loaded electronic boards
2400	586	1862	19	186	4.09	Support services to forestry
32500	1977	35151	53	3474	4.04	Manufacture of medical and dental instruments and supplies
13922	288	2510	22	248	4.04	Manufacture of canvas goods, sacks etc.
30110	403	20425	53	1977	3.96	Building of ships and floating structures
30120	539	8569	97	776	3.70	Building of pleasure and sporting boats
55201	714	21003	35	1800	3.51	Holiday centres and villages
47741	569	2106	68	173	3.36	Retail sale of hearing aids in specialised stores
26200	785	9094	19	741	3.33	Manufacture of computers and peripheral equipment
1300	445	3906	22	307	3.22	Plant propagation
84220	576	68749	25	5241	3.12	Defence activities
52230	958	44027	33	3342	3.11	Service activities incidental to air transportation
46360	491	6465	13	488	3.09	Wholesale of sugar and chocolate and sugar confectionery
26309	223	5205	10	390	3.06	Manufacture of communication equipment ([not] telegraph and telephone app. [...])
26301	1115	12880	46	964	3.06	Manufacture of telegraph and telephone apparatus and equipment
		338281		32271	9.5%	Top 20 LEP SICs % of GB SIC jobs

Table 5.31.4: Top 20 Sectors by Jobs 2012 - Solent

2012 SIC	Top 20 by jobs		Solent			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	38907	1001066	865	27824	1.14	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	623	27236	1.11	Primary education
86101	5649	1265215	127	26221	0.85	Hospital activities
84110	14113	647996	269	15301	0.97	General public administration activities
85310	5585	597877	134	14534	0.99	General secondary education
78200	16131	635836	379	13689	0.88	Temporary employment agency activities
81210	24563	383804	812	12616	1.34	General cleaning of buildings
88990	31406	456446	669	12573	1.13	Other social work activities without accommodation n.e.c.
86900	20625	335775	613	11907	1.45	Other human health activities
56302	40012	360425	1041	10577	1.20	Public houses and bars
85421	1586	388819	20	10413	1.10	First-degree level higher education
62090	21151	117372	737	7964	2.78	Other information technology and computer service activities
55100	12487	317876	330	7830	1.01	Hotels and similar accommodation
47710	24030	356877	533	7363	0.84	Retail sale of clothing in specialised stores
87900	11619	212267	382	7177	1.38	Other residential care activities
70229	106896	320672	2833	7094	0.90	Management consultancy activities (other than financial management)
56101	29634	326772	736	6867	0.86	Licensed restaurants
88100	11195	244977	272	6445	1.08	Social work activities without accommodation for the elderly and disabled
64191	11082	408711	274	5928	0.59	Banks
85590	18126	202609	492	5910	1.19	Other education n.e.c.

Localisation of Industrial Activity across England's LEPs

Stoke-on-Trent and Staffordshire LEP

The Stoke-on-Trent and Staffordshire LEP had 412,276 jobs in total in 2008; of which 151,450 or, 37%, were in the top 20 employing sectors. By 2012 employment had fallen to 401,531; the top 20 sectors now accounted for 154,907 jobs or 39% of the total. Public sector activities were important, in terms of employment, with health, social work; education; public administration; and public order and safety all featuring. The top private sector activities were quite diverse and included retail; freight transport; employment agencies; warehousing; public houses, and electrical installation. In 2008 there was one manufacturing sector in the list, the manufacture of ceramic household and ornamental articles, with employment of over 5,000.

In contrast, the top sectors by LQ were mainly involved in manufacturing, with activities surrounding the production of bricks and ceramics dominating. Other non-related sectors to appear in the top twenty included physical well-being activities; wholesale of mining machinery; the manufacture of beer; warehousing, and building societies.

Whilst these ceramic-based activities were highly concentrated in the LEP compared to GB, only one of the sub-sectors appeared in the list of top sectors by employment. As mentioned above, the manufacture of ceramic household and ornamental articles appeared on the 2008 list but had dropped off by 2012. The only other sector within the top twenty LQs to appear in the top employers was the operation of warehousing and storage facilities for land transport activities. It appeared in both 2008 and 2012 with an LQ over 3.0 and employment rising from 7,431 to 9,314.

Between 2008 and 2012 there were several new sectors in the top twenty LQs; these included more diversified manufacturing activities such as lifting and handling equipment; and apparatus for electricity distribution; primary activities such as the raising of cattle and buffaloes and; service sector activities such as repair and wholesale. The top twenty sectors by employment remained virtually unchanged, with the top four remaining in the same position. Hospital activities constituted the largest employer with employment of around 21,000 in 2012.

Localisation of Industrial Activity across England's LEPs

Table 5.32.1: Top 20 Sectors by LQ 2008 – Stoke-on-Trent and Staffordshire

2008 SIC	Top 20 by LQ		Stoke-on-Trent and Staffordshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
23410	270	7202	71	5313	47.72	Manufacture of ceramic household and ornamental articles
23490	88	683	19	299	28.32	Manufacture of other ceramic products
23910	108	2188	11	694	20.52	Production of abrasive products
23310	135	1829	14	552	19.52	Manufacture of ceramic tiles and flags
46630	684	7618	17	1717	14.58	Wholesale of mining, construction and civil engineering machinery
96040	411	2786	11	406	9.43	Physical well-being activities
23200	165	4159	14	424	6.59	Manufacture of refractory products
23320	255	7901	18	688	5.63	Manufacture of bricks, tiles and construction products, in baked clay
24540	165	4234	12	360	5.50	Casting of other non-ferrous metals
64192	3011	42746	66	3310	5.01	Building societies
25500	997	25636	30	1738	4.39	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
29202	301	8093	10	498	3.98	Manufacture of trailers and semi-trailers
46440	510	5007	23	307	3.97	Wholesale of china and glassware and cleaning materials
28210	188	3827	19	225	3.80	Manufacture of ovens, furnaces and furnace burners
11050	453	13876	14	776	3.62	Manufacture of beer
1460	684	3228	15	180	3.61	Raising of swine/pigs
77299	675	9212	16	512	3.60	Renting and leasing of other personal and household goods (other than [...])
52103	5366	138029	117	7431	3.48	Operation of warehousing and storage facilities for land transport act. of (...)
46330	831	12049	19	579	3.11	Wholesale of dairy products, eggs and edible oils and fats
46520	2841	35066	54	1682	3.10	Wholesale of electronic and telecommunications equipment and parts
		335369		27691	8.3%	Top 20 LEP SICs % of GB SIC jobs

Table 5.32.2: Top 20 Sectors by Jobs 2008 – Stoke-on-Trent and Staffordshire

2008 SIC	Top 20 by jobs		Stoke-on-Trent and Staffordshire			description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	125	17897	0.97	Hospital activities
47110	34592	953306	553	15486	1.05	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	478	14508	1.02	Primary education
85310	5732	547903	125	10665	1.26	General secondary education
49410	23658	246603	606	8802	2.31	Freight transport by road
84110	12364	657299	297	8529	0.84	General public administration activities
88990	31875	449586	436	8236	1.18	Other social work activities without accommodation n.e.c.
78200	29767	669737	213	8098	0.78	Temporary employment agency activities
52103	5366	138029	117	7431	3.48	Operation of warehousing and storage facilities for land transport act. of (...)
56302	48502	391162	1001	7273	1.20	Public houses and bars
81210	28775	402194	303	6753	1.09	General cleaning of buildings
23410	270	7202	71	5313	47.72	Manufacture of ceramic household and ornamental articles
85421	1628	366035	25	4736	0.84	First-degree level higher education
84240	3018	274005	49	4618	1.09	Public order and safety activities
87900	12010	216666	212	4508	1.35	Other residential care activities
47710	26202	353894	360	4263	0.78	Retail sale of clothing in specialised stores
43210	32719	203969	704	3763	1.19	Electrical installation
86900	13758	279816	190	3756	0.87	Other human health activities
78109	20390	226652	136	3435	0.98	Activities of employment placement agencies (other than [...])
61900	7735	189610	106	3380	1.15	Other telecommunications activities

Localisation of Industrial Activity across England's LEPs

Table 5.32.3: Top 20 Sectors by LQ 2012 – Stoke-on-Trent and Staffordshire

2012 SIC	Top 20 by LQ		Stoke-on-Trent and Staffordshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
23410	198	4733	51	3398	47.47	Manufacture of ceramic household and ornamental articles
23490	85	626	13	162	17.11	Manufacture of other ceramic products
46630	727	7082	18	1042	9.73	Wholesale of mining, construction and civil engineering machinery
11050	621	12267	17	1534	8.27	Manufacture of beer
23320	200	4911	13	568	7.65	Manufacture of bricks, tiles and construction products, in baked clay
96040	987	5567	25	514	6.10	Physical well-being activities
25500	759	18305	21	1405	5.07	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
64192	1960	34885	50	2410	4.57	Building societies
28210	168	2551	17	162	4.20	Manufacture of ovens, furnaces and furnace burners
28220	908	16225	24	1000	4.07	Manufacture of lifting and handling equipment
23990	212	5930	13	325	3.62	Manufacture of other non-metallic mineral products n.e.c.
47421	3269	23448	61	1203	3.39	Retail sale of mobile telephones in specialised stores
23610	618	13743	22	704	3.39	Manufacture of concrete products for construction purposes
27120	724	17194	21	844	3.25	Manufacture of electricity distribution and control apparatus
52103	5872	196036	136	9314	3.14	Operation of warehousing and storage facilities for land transport act. of (...)
77390	4357	35574	99	1562	2.90	Renting and leasing of other machinery, equipment and tangible goods n.e.c.
46450	3162	23282	30	1016	2.89	Wholesale of perfume and cosmetics
33170	558	8820	11	354	2.65	Repair and maintenance of other transport equipment
1420	3169	8291	152	328	2.62	Raising of other cattle and buffaloes
35110	1152	25756	12	1009	2.59	Production of electricity
		465226		28854	6.2%	Top 20 LEP SICs % of GB SIC jobs

Table 5.32.4: Top 20 Sectors by Jobs 2012 – Stoke-on-Trent and Staffordshire

2012 SIC	Top 20 by jobs		Stoke-on-Trent and Staffordshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	135	21015	1.10	Hospital activities
47110	38907	1001066	633	17305	1.14	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	448	15508	1.03	Primary education
85310	5585	597877	123	11120	1.23	General secondary education
84110	14113	647996	321	9407	0.96	General public administration activities
52103	5872	196036	136	9314	3.14	Operation of warehousing and storage facilities for land transport act. of (...)
78200	16131	635836	189	8807	0.92	Temporary employment agency activities
56302	40012	360425	803	7141	1.31	Public houses and bars
88990	31406	456446	371	7000	1.01	Other social work activities without accommodation n.e.c.
49410	21898	189997	603	6215	2.16	Freight transport by road
86900	20625	335775	385	5863	1.15	Other human health activities
47710	24030	356877	305	4534	0.84	Retail sale of clothing in specialised stores
85421	1586	388819	24	4469	0.76	First-degree level higher education
87100	4704	204756	82	4450	1.44	Residential nursing care activities
43210	33158	189793	696	3980	1.39	Electrical installation
81210	24563	383804	312	3887	0.67	General cleaning of buildings
87900	11619	212267	230	3873	1.21	Other residential care activities
84240	2939	269548	45	3691	0.91	Public order and safety activities
87300	12381	228250	135	3668	1.06	Residential care activities for the elderly and disabled
45200	35631	185758	677	3660	1.30	Maintenance and repair of motor vehicles

Localisation of Industrial Activity across England's LEPs

Swindon and Wiltshire LEP

The Swindon and Wiltshire LEP had 296,407 jobs in total in 2008; of which 102,943 or, 35%, were in the top 20 sectors by jobs. By 2012 employment had fallen to 294,334; the top 20 sectors now accounted for 107,201 jobs or 36% of the total. There was a mixture of sectors occupying the top twenty by employment, apart from the public sector activities, the main sectors included retail, defence; business support activities; financial activities; warehousing; event catering and other research and experimental development on natural sciences and engineering.

The top twenty sectors by LQ were equally diverse, and involved agricultural activities; manufacturing, defence; retail and financial services. No particular group of activities dominated and the top two sectors in terms of LQ changed between 2008 and 2012. In 2008 the top LQ was other financial service activities, except insurance and pension funding, with an LQ of 12.97 and employment of 3,680; the second highest was defence activities with an LQ of 6.31 and employment of 5,271. By 2012 building societies were top, with an LQ of 12.11 and employment of 4,684; this was followed by research and experimental development on biotechnology, with an LQ of 12.02 but employment of just 733.

In 2008 four of the top sectors by LQ also appeared in the top twenty sectors by employment; namely other financial service activities; defence activities; manufacture of motor vehicles; and other research and experimental development on natural sciences and engineering; each of which had employment totals of 3,500 or more. In 2012 defence again appeared in both lists along with three completely different sectors; these were building societies; other service activities incidental to land transportation; and other research and experimental development on natural sciences and engineering. The employment total for these sectors ranged from 3,000 to 5,000.

Between 2008 and 2012 there were several new sectors in both the top twenty sectors by LQ and by employment. In terms of LQ, again there was no specific new groups of activities but rather a mixture of manufacturing;

Localisation of Industrial Activity across England's LEPs

research and development; animal related activities and wholesale and repair. The sectors new to the top twenty employers were all service sector, but covered a variety of activities including building societies; residential care; computer consultancy; hotels and warehousing. Two of the sectors that dropped off the 2008 list included the manufacture and sale of motor vehicles.

Localisation of Industrial Activity across England's LEPs

Table 5.33.1: Top 20 Sectors by LQ 2008 – Swindon and Wiltshire

2008 SIC	Top 20 by LQ		Swindon and Wiltshire			SIC description	
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)		
64999	5212	25520	60	3680	12.97	Other financial service activities, except insurance and pension funding, (not [...]) n.e.c.	
84220	663	75195	28	5271	6.31	Defence activities	
29100	1179	71454	18	4139	5.21	Manufacture of motor vehicles	
47610	2497	21523	115	1231	5.15	Retail sale of books in specialised stores	
91030	1290	17655	22	768	3.91	Operation of historical sites and buildings and similar visitor attractions	
77110	3631	33200	48	1355	3.67	Renting and leasing of cars and light motor vehicles	
31020	991	14520	16	584	3.62	Manufacture of kitchen furniture	
27900	703	9122	17	354	3.49	Manufacture of other electrical equipment	
27120	908	30618	14	1123	3.30	Manufacture of electricity distribution and control apparatus	
1490	810	2921	33	106	3.26	Raising of other animals	
72190	3521	112000	48	4015	3.23	Other research and experimental development on sciences and eng'ing	
65110	1712	69073	27	2465	3.21	Life insurance	
93191	531	2696	22	95	3.17	Activities of racehorse owners	
26301	1384	23467	31	810	3.11	Manufacture of telegraph and telephone apparatus and equipment	
64204	817	12983	10	436	3.02	Activities of distribution holding companies	
31090	3479	42406	57	1398	2.97	Manufacture of other furniture	
46330	831	12049	11	379	2.83	Wholesale of dairy products, eggs and edible oils and fats	
47650	1112	12192	20	360	2.66	Retail sale of games and toys in specialised stores	
64192	3011	42746	45	1215	2.56	Building societies	
23700	1096	7015	22	193	2.48	Cutting, shaping and finishing of stone	
		638355			29977	4.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.33.2: Top 20 Sectors by Jobs 2008 – Swindon and Wiltshire

2008 SIC	Top 20 by jobs		Swindon and Wiltshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	34592	953306	387	11705	1.10	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	383	11408	1.12	Primary education
86101	5120	1193554	89	9377	0.71	Hospital activities
84110	12364	657299	106	6845	0.94	General public administration activities
78200	29767	669737	155	6283	0.84	Temporary employment agency activities
84220	663	75195	28	5271	6.31	Defence activities
85310	5732	547903	55	5068	0.83	General secondary education
56302	48502	391162	701	4778	1.10	Public houses and bars
29100	1179	71454	18	4139	5.21	Manufacture of motor vehicles
72190	3521	112000	48	4015	3.23	Other research and experimental development on sciences and eng'ing
49410	23658	246603	235	3939	1.44	Freight transport by road
64999	5212	25520	60	3680	12.97	Other financial service activities, except insurance and pension funding, (not [...]) n.e.c.
70229	96342	307793	1459	3636	1.06	Management consultancy activities (other than financial management)
88990	31875	449586	305	3547	0.71	Other social work activities without accommodation n.e.c.
56210	18570	205291	347	3513	1.54	Event catering activities
82990	72283	252302	1064	3290	1.17	Other business support service activities n.e.c.
47710	26202	353894	261	3259	0.83	Retail sale of clothing in specialised stores
45111	8677	153438	139	3243	1.90	Sale of new cars and light motor vehicles
81210	28775	402194	322	2992	0.67	General cleaning of buildings
86900	13758	279816	144	2955	0.95	Other human health activities

Localisation of Industrial Activity across England's LEPs

Table 5.33.3: Top 20 Sectors by LQ 2012 – Swindon and Wiltshire

2012 SIC	Top 20 by LQ		Swindon and Wiltshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
64192	1960	34885	32	4684	12.11	Building societies
72110	431	5498	11	733	12.02	Research and experimental development on biotechnology
84220	576	68749	24	5100	6.69	Defence activities
61200	881	11293	18	746	5.96	Wireless telecommunications activities
1700	208	764	11	46	5.43	Hunting, trapping and related service activities
46330	712	13004	12	689	4.78	Wholesale of dairy products, eggs and edible oils and fats
37000	1271	16877	21	846	4.52	Sewerage
91030	802	11225	11	560	4.50	Operation of historical sites and buildings and similar visitor attractions Other service act. incidental to land transportation, n.e.c. (not incl. rail [...])
52219	2836	62899	26	3028	4.34	[...]
72190	3464	98848	46	4591	4.19	Other research and experimental development on sciences and eng'ing
93191	421	1766	19	81	4.14	Activities of racehorse owners
31020	963	12878	16	514	3.60	Manufacture of kitchen furniture Wholesale of radio and [TV] goods and of elec. household appliances (not [...])
46439	1831	25071	16	901	3.24	[...]
29320	1124	43762	12	1515	3.12	Manufacture of other parts and accessories for motor vehicles
77110	3847	29763	37	998	3.02	Renting and leasing of cars and light motor vehicles
1490	864	3102	28	104	3.02	Raising of other animals
33190	2072	5742	19	175	2.75	Repair of other equipment
1621	436	2385	15	71	2.69	Farm animal boarding and care
32409	354	2650	10	77	2.62	Manufacture of games and toys (other than professional [...] toys) n.e.c.
1420	3169	8291	98	231	2.51	Raising of other cattle and buffaloes
		459452		25690	5.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.33.4: Top 20 Sectors by Jobs 2012 – Swindon and Wiltshire

2012 SIC	Top 20 by jobs		Swindon and Wiltshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	38907	1001066	360	12221	1.10	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5649	1265215	103	11812	0.84	Hospital activities
85200	25303	1000063	317	11554	1.04	Primary education
85310	5585	597877	67	8184	1.23	General secondary education
78200	16131	635836	131	5885	0.83	Temporary employment agency activities
84110	14113	647996	182	5516	0.77	General public administration activities
84220	576	68749	24	5100	6.69	Defence activities
64192	1960	34885	32	4684	12.11	Building societies
56302	40012	360425	559	4630	1.16	Public houses and bars
70229	106896	320672	1895	4595	1.29	Management consultancy activities (other than financial management)
72190	3464	98848	46	4591	4.19	Other research and experimental development on sciences and eng'ing
56210	17371	196669	356	3463	1.59	Event catering activities
62020	67949	273313	1136	3377	1.11	Computer consultancy activities
47710	24030	356877	242	3198	0.81	Retail sale of clothing in specialised stores
87300	12381	228250	145	3171	1.25	Residential care activities for the elderly and disabled
88990	31406	456446	264	3130	0.62	Other social work activities without accommodation n.e.c.
55100	12487	317876	125	3084	0.88	Hotels and similar accommodation
52103	5872	196036	101	3036	1.40	Operation of warehousing and storage facilities for land transport act. of (...) Other service act. incidental to land transportation, n.e.c. (not incl. rail [...])
52219	2836	62899	26	3028	4.34	[...]
82990	62198	244480	785	2942	1.09	Other business support service activities n.e.c.

Localisation of Industrial Activity across England's LEPs

Tees Valley LEP

The Tees Valley LEP had 265,345 jobs in total in 2008; of which 107,982 or, 41%, were in the top 20 sectors by jobs. By 2012 employment had fallen to 249,766; the top 20 sectors now accounted for 108,614 jobs or 43% of the total. The top sectors by employment were particularly concentrated in health activities to include hospitals, social work and residential care; education and public administration and public order activities also featured. The top private sector activities included retail, public houses and bars; freight transport; electrical installation, and telecommunication activities.

Despite the predominance of service sectors in terms of employment, the top LQs were almost exclusively involved in construction related activities or in the manufacture of plastics; metals and chemicals, particularly in 2008. BY 2012 other more diverse activities such as credit granting and technical testing also appeared. In both years the top sector by LQ was the manufacture of other organic basic chemicals, with an LQ of around 20.0 and employment of around 2,000.

In 2008 just two sectors appeared in the top twenty sectors by LQ and employment; namely electrical installation; and the regulation of the activities of providing health care, education, cultural services and other social services, excluding social security. Both these sectors had LQs of at least 2.5, whilst employment in the former totalled 5,646, and 4,596 in the latter. In 2012 three different sectors appeared in both top 20 lists; machining; other telecommunication activities; and renting and operating of Housing Association real estate. Each of these sectors had employment totals of around 3,500; the LQ of machining was 4.77 whilst it was around 2.0 for the latter two sectors.

There were significant changes in the list of top sectors by LQ between 2008 and 2012; these new sectors on the list were diverse and covered manufacturing; construction; electricity; and service sector activities. The changes to the list of top twenty employers also covered a range of activities, both private and public sector. The top sector to drop off the list

Localisation of Industrial Activity across England's LEPs

was electrical installation with 6,000 jobs in 2008 whilst the largest new addition was residential nursing care activities with 4,000 jobs. Despite these changes, the top three sectors remained as hospital activities; primary education and retail sale (although not in the same order); their employment ranged from 10,000 to 19,000.

Localisation of Industrial Activity across England's LEPs

Table 5.34.1: Top 20 Sectors by LQ 2008 – Tees Valley

2008 SIC	Top 20 by LQ		Tees Valley			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
20140	194	13005	18	2666	20.60	Manufacture of other organic basic chemicals
31020	991	14520	10	698	4.83	Manufacture of kitchen furniture
43991	6854	44866	59	1556	3.49	Scaffold erection
46719	997	7486	14	253	3.40	Wholesale of fuels and related products (other than petroleum and petro. prod.)
43290	2878	26578	29	864	3.27	Other construction installation
43310	3744	12767	31	370	2.91	Plastering
71121	5751	37325	157	1058	2.85	Engineering design activities for industrial process and production
43210	32719	203969	278	5646	2.78	Electrical installation
86220	1375	10431	10	285	2.75	Specialist medical practice activities
43390	12266	45221	56	1210	2.69	Other building completion and finishing
38320	2069	18317	26	481	2.64	Recovery of sorted materials
74902	4020	20093	40	523	2.62	Quantity surveying activities
43120	1816	13175	18	341	2.60	Site preparation
84120	4337	184227	54	4596	2.51	Regulation of the activities of providing health care, education, (...)
38110	1944	53246	27	1310	2.47	Collection of non-hazardous waste
85510	1409	12800	11	314	2.47	Sports and recreation education
22290	2683	50071	27	1216	2.44	Manufacture of other plastic products
20590	591	17223	12	418	2.44	Manufacture of other chemical products n.e.c.
25110	3039	58186	49	1329	2.30	Manufacture of metal structures and parts of structures
88100	7874	136681	72	2883	2.12	Social work activities without accommodation for the elderly and disabled
		980187		28017	2.9%	Top 20 LEP SICs % of GB SIC jobs

Table 5.34.2: Top 20 Sectors by Jobs 2008 – Tees Valley

2008 SIC	Top 20 by jobs		Tees Valley			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	48	15693	1.32	Hospital activities
85200	27278	919909	246	11203	1.22	Primary education
47110	34592	953306	388	10952	1.15	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85310	5732	547903	54	6168	1.13	General secondary education
43210	32719	203969	278	5646	2.78	Electrical installation
84110	12364	657299	77	5340	0.82	General public administration activities
56302	48502	391162	474	5050	1.30	Public houses and bars
84120	4337	184227	54	4596	2.51	Regulation of the activities of providing health care, education, (...)
49410	23658	246603	186	4287	1.75	Freight transport by road
85590	17116	203392	161	4221	2.09	Other education n.e.c.
78200	29767	669737	136	4209	0.63	Temporary employment agency activities
47710	26202	353894	278	3961	1.12	Retail sale of clothing in specialised stores
61900	7735	189610	47	3762	1.99	Other telecommunications activities
86900	13758	279816	129	3704	1.33	Other human health activities
88990	31875	449586	283	3446	0.77	Other social work activities without accommodation n.e.c.
84240	3018	274005	32	3289	1.21	Public order and safety activities
64191	15467	412985	106	3152	0.77	Banks
81210	28775	402194	318	3148	0.79	General cleaning of buildings
87900	12010	216666	165	3084	1.43	Other residential care activities
87300	11996	213537	142	3071	1.45	Residential care activities for the elderly and disabled

Localisation of Industrial Activity across England's LEPs

Table 5.34.3: Top 20 Sectors by LQ 2012 – Tees Valley

2012 SIC	Top 20 by LQ		Tees Valley			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
20140	143	10389	15	1908	19.52	Manufacture of other organic basic chemicals
35110	1152	25756	12	1389	5.73	Production of electricity
31020	963	12878	13	657	5.42	Manufacture of kitchen furniture
25620	11574	85054	153	3815	4.77	Machining
64921	2623	27860	49	954	3.64	Credit granting by non-deposit taking finance houses and (...)
25110	2944	47542	41	1355	3.03	Manufacture of metal structures and parts of structures
71121	7822	43940	239	1174	2.84	Engineering design activities for industrial process and production
43390	15058	45785	81	1129	2.62	Other building completion and finishing
43999	11330	71566	128	1598	2.37	Specialised construction activities (other than scaffold erection) n.e.c.
10890	690	26434	12	579	2.33	Manufacture of other food products n.e.c.
43310	3548	10519	23	229	2.31	Plastering
81222	1075	10962	11	233	2.26	Specialised cleaning services
61900	8814	173701	65	3667	2.24	Other telecommunications activities
39000	521	3185	10	66	2.20	Remediation activities and other waste management services
71200	4536	41406	141	832	2.14	Technical testing and analysis
38320	2143	24066	22	465	2.05	Recovery of sorted materials
87100	4704	204756	80	3875	2.01	Residential nursing care activities
68201	7883	88363	75	1654	1.99	Renting and operating of Housing Association real estate
56301	9231	77593	134	1412	1.93	Licensed clubs
43342	1883	6796	21	112	1.75	Glazing
		1038551		27103	2.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.34.4: Top 20 Sectors by Jobs 2012 – Tees Valley

2012 SIC	Top 20 by jobs		Tees Valley			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	84	18846	1.58	Hospital activities
47110	38907	1001066	418	10950	1.16	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	228	10833	1.15	Primary education
84110	14113	647996	96	8696	1.43	General public administration activities
85310	5585	597877	53	6925	1.23	General secondary education
88990	31406	456446	334	5643	1.31	Other social work activities without accommodation n.e.c.
78200	16131	635836	153	4823	0.81	Temporary employment agency activities
47710	24030	356877	231	4091	1.22	Retail sale of clothing in specialised stores
87100	4704	204756	80	3875	2.01	Residential nursing care activities
56302	40012	360425	367	3860	1.14	Public houses and bars
25620	11574	85054	153	3815	4.77	Machining
61900	8814	173701	65	3667	2.24	Other telecommunications activities
86900	20625	335775	148	3079	0.97	Other human health activities
47190	12164	238992	123	2918	1.30	Other retail sale in non-specialised stores
88100	11195	244977	181	2870	1.25	Social work activities without accommodation for the elderly and disabled
64191	11082	408711	88	2847	0.74	Banks
71129	39542	201539	815	2827	1.49	Other engineering activities (not including [...])
85320	3376	190122	33	2790	1.56	Technical and vocational secondary education
49410	21898	189997	182	2713	1.52	Freight transport by road
52103	5872	196036	44	2546	1.38	Operation of warehousing and storage facilities for land transport act. of (...)

Localisation of Industrial Activity across England's LEPs

The Marches LEP

The Marches LEP had 264,949 jobs in total in 2008; of which 95,011 or, 36%, were in the top 20 employing sectors. By 2012 employment had risen to 265,640; the top 20 sectors now accounted for 96,503 jobs, again 36% of the total. Public sector activities were important to employment in the LEP, particularly health and residential care activities. The other top sectors by employment included retail; business support activities such as employment agencies; computer consultancy and cleaning activities; and tourism activities such as hotels and public houses and bars. The only manufacturing sector of importance involved the manufacture of parts for motor vehicles.

The majority of the top sectors by LQ were involved in agricultural activities to include the growing of fruit and crops; raising of animals, racehorse activities; and some farming and forestry activities. The few manufacturing sectors in the top twenty LQs were largely involved in the manufacture of machinery; parts for vehicles; and plastics and computers.

Despite the predominance of agricultural related activities, their employment contribution was relatively insignificant with most of the sub-sectors employing fewer than 1,000 people. In 2008 just two of the top sectors by LQ were in the top twenty sectors by employment; the manufacture of parts for motor vehicles; and the production of meat and poultry meat products. The former had an LQ of 6.67 and employment of almost 5,000; the latter had an LQ of 5.33 and a total employment of around 2,500. By 2012 only the manufacture of parts for motor vehicles appeared on both lists; the LQ was now 7.29 whilst employment had fallen to 3,200.

Between 2008 and 2012 there were several changes to the composition of the top twenty sectors by LQ, the new sectors almost exclusively involving activities to do with agriculture. The top sectors by employment also had a few changes, although all the new sectors related to either health and social care or education. Retail sale in non-specialised stores remained as the top employer, with employment rising from 9,986 in 2008 to 11,618 in 2012.

Localisation of Industrial Activity across England's LEPs

Table 5.35.1: Top 20 Sectors by LQ 2008 – The Marches

2008 SIC	Top 20 by LQ		The Marches			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
1240	579	3976	47	464	11.75	Growing of pome fruits and stone fruits
1470	1558	11497	121	848	7.42	Raising of poultry
28302	306	3407	12	243	7.18	Manufacture of agricultural and forestry machinery ([not] agric. tractors)
29320	1544	72965	36	4835	6.67	Manufacture of other parts and accessories for motor vehicles
26200	907	14359	11	928	6.50	Manufacture of computers and peripheral equipment
24530	172	4625	10	298	6.49	Casting of light metals
46310	2152	33254	38	2076	6.28	Wholesale of fruit and vegetables
1420	5649	14731	311	825	5.64	Raising of other cattle and buffaloes
10130	725	45263	18	2399	5.33	Production of meat and poultry meat products
1410	3770	9302	201	482	5.22	Raising of dairy cattle
1500	11080	34609	516	1784	5.19	Mixed farming
93191	531	2696	11	138	5.15	Activities of racehorse owners
22220	557	23834	13	1142	4.82	Manufacture of plastic packing goods
46110	487	3070	31	144	4.72	Agents involved in the sale of agric. raw materials, live animals, textile (...)
95220	684	2733	11	122	4.49	Repair of household appliances and home and garden equipment
1450	3903	11461	174	481	4.22	Raising of sheep and goats
2100	1370	7750	47	319	4.14	Silviculture and other forestry activities
1110	8134	29256	317	1150	3.96	Growing of cereals (except rice), leguminous crops and oil seeds
1490	810	2921	37	114	3.93	Raising of other animals
16100	662	8944	10	346	3.89	Sawmilling and planing of wood
		340653		19138	5.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.35.2: Top 20 Sectors by Jobs 2008 – The Marches

2008 SIC	Top 20 by jobs		The Marches			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	34592	953306	344	9986	1.05	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	363	9826	1.08	Primary education
86101	5120	1193554	23	9422	0.79	Hospital activities
84110	12364	657299	157	6902	1.06	General public administration activities
85310	5732	547903	66	6264	1.15	General secondary education
78200	29767	669737	111	5345	0.80	Temporary employment agency activities
29320	1544	72965	36	4835	6.67	Manufacture of other parts and accessories for motor vehicles
56302	48502	391162	788	4648	1.20	Public houses and bars
88990	31875	449586	363	4571	1.02	Other social work activities without accommodation n.e.c.
86900	13758	279816	143	4135	1.49	Other human health activities
62020	55563	232129	379	3590	1.56	Computer consultancy activities
78109	20390	226652	65	3497	1.55	Activities of employment placement agencies (other than [...])
47710	26202	353894	303	3082	0.88	Retail sale of clothing in specialised stores
49410	23658	246603	417	3079	1.26	Freight transport by road
87300	11996	213537	144	2931	1.38	Residential care activities for the elderly and disabled
55100	12377	313180	165	2876	0.92	Hotels and similar accommodation
84220	663	75195	12	2714	3.63	Defence activities
87900	12010	216666	178	2463	1.14	Other residential care activities
81210	28775	402194	264	2446	0.61	General cleaning of buildings
10130	725	45263	18	2399	5.33	Production of meat and poultry meat products

Localisation of Industrial Activity across England's LEPs

Table 5.35.3: Top 20 Sectors by LQ 2012 – The Marches

2012 SIC	Top 20 by LQ		The Marches			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
1240	573	10057	53	1851	18.39	Growing of pome fruits and stone fruits
10120	145	17980	12	1819	10.11	Processing and preserving of poultry meat
28302	260	4971	11	459	9.23	Manufacture of agricultural and forestry machinery ([not] agric. tractors)
24530	151	4762	10	404	8.48	Casting of light metals
1420	3169	8291	188	625	7.53	Raising of other cattle and buffaloes
29320	1124	43762	26	3193	7.29	Manufacture of other parts and accessories for motor vehicles
1470	1707	12318	133	878	7.12	Raising of poultry
1430	5447	12823	316	752	5.86	Raising of horses and other equines
16100	527	7566	11	434	5.73	Sawmilling and planing of wood
95220	687	2760	11	157	5.68	Repair of household appliances and home and garden equipment
1410	5334	15220	272	815	5.35	Raising of dairy cattle
1700	208	764	10	39	5.10	Hunting, trapping and related service activities
1500	10023	34629	487	1689	4.87	Mixed farming
22210	567	24043	17	1133	4.71	Manufacture of plastic plates, sheets, tubes and profiles
46110	490	3587	19	141	3.93	Agents involved in the sale of agric. raw materials, live animals, textile (...)
46170	1303	5232	12	196	3.74	Agents involved in the sale of food, beverages and tobacco
1610	1374	7271	47	268	3.68	Support activities for crop production
46610	1508	14779	54	540	3.65	Wholesale of agricultural machinery, equipment and supplies
1110	9040	40346	340	1468	3.64	Growing of cereals (except rice), leguminous crops and oil seeds
1450	7802	23262	286	826	3.55	Raising of sheep and goats
		294423		17687	6.0%	Top 20 LEP SICs % of GB SIC jobs

Table 5.35.4: Top 20 Sectors by Jobs 2012 – The Marches

2012 SIC	Top 20 by jobs		The Marches			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47110	38907	1001066	374	11618	1.16	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	323	10834	1.08	Primary education
86101	5649	1265215	40	10138	0.80	Hospital activities
85310	5585	597877	77	7814	1.31	General secondary education
84110	14113	647996	199	6838	1.05	General public administration activities
78200	16131	635836	124	5152	0.81	Temporary employment agency activities
86900	20625	335775	213	4663	1.39	Other human health activities
56302	40012	360425	637	4547	1.26	Public houses and bars
88990	31406	456446	332	4054	0.89	Other social work activities without accommodation n.e.c.
62020	67949	273313	489	3399	1.24	Computer consultancy activities
29320	1124	43762	26	3193	7.29	Manufacture of other parts and accessories for motor vehicles
87900	11619	212267	177	3148	1.48	Other residential care activities
88100	11195	244977	149	3102	1.27	Social work activities without accommodation for the elderly and disabled
47710	24030	356877	269	3037	0.85	Retail sale of clothing in specialised stores
85320	3376	190122	41	2771	1.46	Technical and vocational secondary education
55100	12487	317876	160	2599	0.82	Hotels and similar accommodation
87300	12381	228250	125	2499	1.09	Residential care activities for the elderly and disabled
86210	18582	183818	188	2423	1.32	General medical practice activities
87100	4704	204756	55	2415	1.18	Residential nursing care activities
84220	576	68749	10	2259	3.28	Defence activities

Localisation of Industrial Activity across England's LEPs

Thames Valley Berkshire LEP

The Thames Valley Berkshire LEP had 471,156 jobs in total in 2008; of which 186,228 or, 40%, were in the top 20 employing sectors. By 2012 employment had risen to 477,202; the top 20 sectors now accounted for 195,554 jobs or 41% of the total. The sectors key to employment within the LEP were those involved with the information technology sector, to include computers, computer consultancy, software and telecommunications. Other business support activities also featured highly, including employment agencies; management consultancy and the activities of head offices.

Computer related activities also featured highly in the top sectors by LQ. By 2012 market research, and research and development in biotechnology and social sciences also appeared in the top twenty. The wholesale of computers, computer peripheral equipment and software was the top sector by LQ in 2012, and second highest in 2008. It had an LQ of over 9.0 in both years; employment in the sector fell from 8,000 in 2008 to under 7,000 in 2012.

Due to the concentration of computer related activities in the LEP there was substantial crossover between the top sectors by LQ and by employment. In 2008 eight of the top LQs were also top by employment, and apart from computer related activities, the list also comprised wholesale of pharmaceutical goods; other research and experimental development on natural sciences and engineering; and activities of head offices, all of which had employment between 5,000 and 8,000. In 2012 five of the sectors appeared on both lists, four of which were computer related. The only other sector was other research and experimental development on natural sciences and engineering, with an LQ of 3.40 and employment of 6,000.

Between 2008 and 2012 there were several changes to the composition of the top twenty sectors by LQ; new sectors included sewerage; financial leasing, research and development; book-keeping and activities of investment trusts. In contrast the top sectors by employment were virtually

Localisation of Industrial Activity across England's LEPs

unchanged, with computer consultancy activities remaining in the top position, with 16,000 jobs in 2008, rising to 21,000 in 2012.

Localisation of Industrial Activity across England's LEPs

Table 5.36.1: Top 20 Sectors by LQ 2008 – Thames Valley Berkshire

2008 SIC	Top 20 by LQ		Thames Valley Berkshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
64202	1253	8572	23	1598	10.55	Activities of production holding companies
46510	2663	49043	122	8181	9.44	Wholesale of computers, computer peripheral equipment and software
95110	2139	17931	63	1907	6.02	Repair of computers and peripheral equipment
58290	2049	7231	93	748	5.85	Other software publishing
63990	5494	22266	115	2172	5.52	Other information service activities n.e.c.
46460	2200	56425	63	5177	5.19	Wholesale of pharmaceutical goods
73120	2080	11696	46	1061	5.13	Media representation
62012	22462	100953	981	8355	4.68	Business and domestic software development
61900	7735	189610	225	15553	4.64	Other telecommunications activities
46520	2841	35066	118	2671	4.31	Wholesale of electronic and telecommunications equipment and parts
51210	359	3093	16	227	4.15	Freight air transport
72190	3521	112000	108	8035	4.06	Other research and experimental development on sciences and eng'ing
62020	55563	232129	2332	16404	4.00	Computer consultancy activities
33200	464	11045	12	751	3.85	Installation of industrial machinery and equipment
82110	1118	6192	28	421	3.85	Combined office administrative service activities
27900	703	9122	13	611	3.79	Manufacture of other electrical equipment
20420	425	15998	12	1071	3.79	Manufacture of perfumes and toilet preparations
70100	2001	94779	60	6073	3.63	Activities of head offices
62090	31906	130393	1124	7754	3.37	Other information technology and computer service activities
46140	2014	14117	44	769	3.08	Agents involved in the sale of machinery, industrial equipment, ships, aircraft
		1127661		89539	7.9%	Top 20 LEP SICs % of GB SIC jobs

Table 5.36.2: Top 20 Sectors by Jobs 2008 – Thames Valley Berkshire

2008 SIC	Top 20 by jobs		Thames Valley Berkshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
62020	55563	232129	2332	16404	4.00	Computer consultancy activities
85200	27278	919909	394	15591	0.96	Primary education
61900	7735	189610	225	15553	4.64	Other telecommunications activities
47110	34592	953306	388	13663	0.81	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5120	1193554	68	13546	0.64	Hospital activities
78200	29767	669737	461	12146	1.03	Temporary employment agency activities
85310	5732	547903	85	9408	0.97	General secondary education
70229	96342	307793	2769	8699	1.60	Management consultancy activities (other than financial management)
62012	22462	100953	981	8355	4.68	Business and domestic software development
46510	2663	49043	122	8181	9.44	Wholesale of computers, computer peripheral equipment and software
81210	28775	402194	644	8176	1.15	General cleaning of buildings
72190	3521	112000	108	8035	4.06	Other research and experimental development on sciences and eng'ing
62090	31906	130393	1124	7754	3.37	Other information technology and computer service activities
82990	72283	252302	1446	7294	1.64	Other business support service activities n.e.c.
47710	26202	353894	372	6085	0.97	Retail sale of clothing in specialised stores
70100	2001	94779	60	6073	3.63	Activities of head offices
56210	18570	205291	416	5666	1.56	Event catering activities
78109	20390	226652	259	5258	1.31	Activities of employment placement agencies (other than [...])
46460	2200	56425	63	5177	5.19	Wholesale of pharmaceutical goods
84110	12364	657299	111	5164	0.44	General public administration activities

Localisation of Industrial Activity across England's LEPs

Table 5.36.3: Top 20 Sectors by LQ 2012 – Thames Valley Berkshire

2012 SIC	Top 20 by LQ		Thames Valley Berkshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
46510	2508	41554	130	6855	9.18	Wholesale of computers, computer peripheral equipment and software
72110	431	5498	20	831	8.41	Research and experimental development on biotechnology
61200	881	11293	45	1437	7.08	Wireless telecommunications activities
37000	1271	16877	24	1705	5.62	Sewerage
62012	24234	109024	1062	10860	5.54	Business and domestic software development
68202	345	8189	11	743	5.05	Letting and operating of conference and exhibition centres
64910	541	4744	17	412	4.83	Financial leasing
58290	1712	8204	71	701	4.75	Other software publishing
95110	4126	28016	119	2277	4.52	Repair of computers and peripheral equipment
51210	291	2082	15	166	4.44	Freight air transport
72200	523	4440	16	353	4.42	Research and experimental development on social sciences and humanities
61900	8814	173701	314	13599	4.36	Other telecommunications activities
62020	67949	273313	3163	21177	4.31	Computer consultancy activities
46460	2438	60650	79	4618	4.24	Wholesale of pharmaceutical goods
46650	343	2950	11	224	4.22	Wholesale of office furniture
69202	4753	54214	103	3861	3.96	Bookkeeping activities
64301	503	5047	21	356	3.92	Activities of investment trusts
73200	2997	51400	106	3199	3.46	Market research and public opinion polling
72190	3464	98848	99	6039	3.40	Other research and experimental development on sciences and eng'ing
46520	3211	38840	131	2368	3.39	Wholesale of electronic and telecommunications equipment and parts
		998884		81781	8.2%	Top 20 LEP SICs % of GB SIC jobs

Table 5.36.4: Top 20 Sectors by Jobs 2012 – Thames Valley Berkshire

2012 SIC	Top 20 by jobs		Thames Valley Berkshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
62020	67949	273313	3163	21177	4.31	Computer consultancy activities
85200	25303	1000063	357	16006	0.89	Primary education
86101	5649	1265215	111	15712	0.69	Hospital activities
47110	38907	1001066	455	14140	0.79	Retail sale in non-specialised stores with food, beverages or tobacco (...)
61900	8814	173701	314	13599	4.36	Other telecommunications activities
85310	5585	597877	109	12193	1.13	General secondary education
81210	24563	383804	467	11680	1.69	General cleaning of buildings
78200	16131	635836	412	11380	1.00	Temporary employment agency activities
62012	24234	109024	1062	10860	5.54	Business and domestic software development
70229	106896	320672	3310	8741	1.52	Management consultancy activities (other than financial management)
70100	4831	183422	111	7089	2.15	Activities of head offices
46510	2508	41554	130	6855	9.18	Wholesale of computers, computer peripheral equipment and software
84110	14113	647996	123	6532	0.56	General public administration activities
72190	3464	98848	99	6039	3.40	Other research and experimental development on sciences and eng'ing
47710	24030	356877	333	6018	0.94	Retail sale of clothing in specialised stores
62090	21151	117372	777	5950	2.82	Other information technology and computer service activities
55100	12487	317876	179	5830	1.02	Hotels and similar accommodation
56210	17371	196669	436	5570	1.58	Event catering activities
82990	62198	244480	1407	5308	1.21	Other business support service activities n.e.c.
88990	31406	456446	373	4875	0.59	Other social work activities without accommodation n.e.c.

Localisation of Industrial Activity across England's LEPs

West of England LEP

The West of England LEP had 522,803 jobs in total in 2008; of which 203,265 or, 39%, were in the top 20 sectors by jobs. By 2012 employment had risen to 538,247; the top 20 sectors now accounted for 209,236 jobs, again 39% of the total. Apart from the main public sector activities of education, health and public administration, the key sectors regarding employment concerned defence; manufacture of air and spacecraft, and other engineering activities. Business support activities were also important to the LEP and included employment agencies; cleaning; computer and management consultancy.

The top twenty sectors by LQ were diverse and covered a broad range of manufacturing and service sector activities. The list included manufacturing of computers; air and spacecraft, and paper; defence activities; financial service activities; and those concerned with the production of motion pictures. The top sector by LQ in 2008 was the manufacture of air and spacecraft, with an LQ of 7.43 and total employment of around 9,000. By 2012 the top sector was retail sale of audio and video equipment in specialised stores, with an LQ of 5.47 but employment of less than 600.

Given the diverse nature of the top sectors by LQ, just three appeared in the top sectors by employment in 2008; manufacture of air and spacecraft; defence activities; and first degree level higher education; the latter with a total employment of 14,000. By 2012 there were just two sectors in both top twenty lists; once again the manufacture of air and spacecraft, and a new sector, the activities of head offices, with employment totalling 8,000.

Between 2008 and 2012 there were several changes to the composition of the top twenty sectors by LQ, with more wholesaling activities now appearing, as well as financial sector activities and those of driving schools. There was less of a change for the top sectors by employment, and in fact the top four sectors in 2008 remained in place in 2012, and included in descending order, hospital activities, retail sale; primary education and first degree level higher education. The largest sector to drop out of the top 20 by jobs in 2008 was defence activities with 9,000

Localisation of Industrial Activity across England's LEPs

jobs, whilst the largest new addition in 2012 was activities of head offices, with 8,000 jobs.

Localisation of Industrial Activity across England's LEPs

Table 5.37.1: Top 20 Sectors by LQ 2008 – West of England

2008 SIC	Top 20 by LQ		West of England			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
30300	443	61623	12	8980	7.43	Manufacture of air and spacecraft and related machinery
84220	663	75195	11	8562	5.81	Defence activities
71112	964	5920	18	410	3.53	Urban planning and landscape architectural activities
65110	1712	69073	62	4760	3.52	Life insurance
64910	623	6871	11	465	3.45	Financial leasing
26200	907	14359	12	927	3.29	Manufacture of computers and peripheral equipment
55900	947	5224	33	326	3.18	Other accommodation
8120	873	11776	10	629	2.72	Operation of gravel and sand pits; mining of clays and kaolin
65120	2117	81183	54	3854	2.42	Non-life insurance
17219	588	26146	17	1185	2.31	Manufacture of paper and paperboard containers other than sacks and bags
47430	1626	9067	33	378	2.13	Retail sale of audio and video equipment in specialised stores
63110	3563	35055	65	1452	2.11	Data processing, hosting and related activities
45190	982	13271	23	548	2.11	Sale of other motor vehicles
1621	559	2811	13	113	2.05	Farm animal boarding and care
36000	931	29400	10	1155	2.00	Water collection, treatment and supply
82190	1507	11377	26	444	1.99	Photocopying, document preparation and other specialised office support act.
85421	1628	366035	31	14284	1.99	First-degree level higher education
66120	1895	44956	33	1726	1.96	Security and commodity contracts brokerage
59111	2927	11463	71	435	1.94	Motion picture production activities
38210	1565	21286	25	803	1.92	Treatment and disposal of non-hazardous waste
		902091		51436	5.7%	Top 20 LEP SICs % of GB SIC jobs

Table 5.37.2: Top 20 Sectors by Jobs 2008 – West of England

2008 SIC	Top 20 by jobs		West of England			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5120	1193554	88	25162	1.08	Hospital activities
47110	34592	953306	578	20165	1.08	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	27278	919909	445	16271	0.90	Primary education
85421	1628	366035	31	14284	1.99	First-degree level higher education
78200	29767	669737	351	13433	1.02	Temporary employment agency activities
84110	12364	657299	170	11443	0.89	General public administration activities
85310	5732	547903	80	10101	0.94	General secondary education
64191	15467	412985	546	9962	1.23	Banks
88990	31875	449586	579	9166	1.04	Other social work activities without accommodation n.e.c.
30300	443	61623	12	8980	7.43	Manufacture of air and spacecraft and related machinery
81210	28775	402194	451	8975	1.14	General cleaning of buildings
84220	663	75195	11	8562	5.81	Defence activities
56302	48502	391162	905	8057	1.05	Public houses and bars
47710	26202	353894	422	6180	0.89	Retail sale of clothing in specialised stores
71129	53114	223349	906	5995	1.37	Other engineering activities (not including [...])
80100	7291	164511	125	5768	1.79	Private security activities
86900	13758	279816	262	5406	0.99	Other human health activities
78109	20390	226652	215	5223	1.18	Activities of employment placement agencies (other than [...])
49410	23658	246603	383	5094	1.05	Freight transport by road
56101	27324	278602	489	5038	0.92	Licensed restaurants

Localisation of Industrial Activity across England's LEPs

Table 5.37.3: Top 20 Sectors by LQ 2012 – West of England

2012 SIC	Top 20 by LQ		West of England			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
47430	957	5006	20	555	5.47	Retail sale of audio and video equipment in specialised stores
85530	1303	4490	21	489	5.37	Driving school activities
30300	712	84145	30	7944	4.66	Manufacture of air and spacecraft and related machinery
26200	785	9094	16	722	3.92	Manufacture of computers and peripheral equipment
33200	1136	16195	33	1283	3.91	Installation of industrial machinery and equipment
64910	541	4744	11	360	3.74	Financial leasing
71112	1668	7393	48	501	3.34	Urban planning and landscape architectural activities
65110	899	46550	21	3137	3.32	Life insurance
17219	513	21248	19	1109	2.57	Manufacture of paper and paperboard containers other than sacks and bags
59111	4503	15606	107	788	2.49	Motion picture production activities
96040	987	5567	16	279	2.47	Physical well-being activities
36000	889	28293	11	1309	2.28	Water collection, treatment and supply
66210	915	15032	22	694	2.28	Risk and damage evaluation
46342	2359	23289	33	1073	2.27	Wholesale of wine, beer, spirits and other alcoholic beverages
71121	7822	43940	189	1999	2.24	Engineering design activities for industrial process and production
70100	4831	183422	81	8165	2.20	Activities of head offices
46439	1831	25071	29	1110	2.18	Wholesale of radio and [TV] goods and of elec. household appliances (not [...])
82190	2155	13124	41	569	2.14	Photocopying, document preparation and other specialised office support act.
66290	3351	78940	86	3409	2.13	Other activities auxiliary to insurance and pension funding
52220	967	21838	14	891	2.01	Service activities incidental to water transportation
		652987		36386	5.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.37.4: Top 20 Sectors by Jobs 2012 – West of England

2012 SIC	Top 20 by jobs		West of England			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	98	26763	1.04	Hospital activities
47110	38907	1001066	607	19558	0.96	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	377	16317	0.80	Primary education
85421	1586	388819	30	14056	1.78	First-degree level higher education
64191	11082	408711	214	13070	1.58	Banks
78200	16131	635836	314	12005	0.93	Temporary employment agency activities
85310	5585	597877	95	11423	0.94	General secondary education
84110	14113	647996	196	10723	0.82	General public administration activities
81210	24563	383804	457	9161	1.18	General cleaning of buildings
70100	4831	183422	81	8165	2.20	Activities of head offices
30300	712	84145	30	7944	4.66	Manufacture of air and spacecraft and related machinery
56101	29634	326772	551	7488	1.13	Licensed restaurants
56302	40012	360425	748	7198	0.99	Public houses and bars
47710	24030	356877	463	7187	0.99	Retail sale of clothing in specialised stores
88990	31406	456446	525	7166	0.77	Other social work activities without accommodation n.e.c.
70229	106896	320672	2125	6621	1.02	Management consultancy activities (other than financial management)
86900	20625	335775	404	6180	0.91	Other human health activities
62020	67949	273313	1418	6154	1.11	Computer consultancy activities
80100	5916	172710	93	6068	1.73	Private security activities
71129	39542	201539	818	5989	1.47	Other engineering activities (not including [...])

Localisation of Industrial Activity across England's LEPs

Worcestershire LEP

The Worcestershire LEP had 227,532 jobs in total in 2008; of which 80,084 or, 35%, were in the top 20 employing sectors. By 2012 employment had fallen to 214,660; the top 20 sectors now accounted for 74,712 jobs, again 35% of the total. The sectors contributing most to employment were quite diverse and included public sector activities together with retail; employment agencies; hotels and public houses; management consultancy and cleaning. The only manufacturing sector to appear was in 2008 and involved the manufacture of parts for motor vehicles.

The top twenty sectors by LQ were almost entirely in either manufacturing or wholesale activities; they included the manufacture of metal based equipment such as tools; locks; ovens; wire and lighting. The wholesale sectors of importance included china; meat; fruit and vegetables and machine tools. In 2008 the top sector by LQ was the manufacture of other machine tools, with an LQ of 13.26 but employment of less than 600. By 2012 the manufacture of metal forming machinery was top, with an LQ of 17.46 but once again employment of just 700.

Despite the concentration of metal based manufacturing in the LEP, its employment contribution was not significant. In fact just one sector appeared in both the top LQs and top employers in 2008, that of the manufacture of other parts and accessories for motor vehicles, with an LQ of 3.45 and employment of around 2,000. In 2012, not one of the top sectors by LQ appeared on the list of top employers and in fact, all of the subsectors had employment of 1,500 or less.

Between 2008 and 2012 there were a few changes to the composition of the top twenty sectors by LQ; alongside other manufacturing and wholesale sectors new additions included investigation activities and sewerage. The main changes to the top sectors by employment were the additions of child day-care services; residential care; medical activities and repair of motor vehicles, all with less than 3,000 jobs. Primary education remained as the top employer in 2012, with employment increasing from 9,000 to 10,000 over the period.

Localisation of Industrial Activity across England's LEPs

Table 5.38.1: Top 20 Sectors by LQ 2008 - Worcestershire

2008 SIC	Top 20 by LQ		Worcestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
28490	590	5127	20	580	13.26	Manufacture of other machine tools
25720	565	9824	11	937	11.18	Manufacture of locks and hinges
28210	188	3827	12	264	8.08	Manufacture of ovens, furnaces and furnace burners
28410	385	5008	13	305	7.14	Manufacture of metal forming machinery
1300	558	4252	25	223	6.15	Plant propagation
25930	538	11487	29	594	6.06	Manufacture of wire products, chain and springs
27900	703	9122	14	445	5.72	Manufacture of other electrical equipment
25500	997	25636	22	1154	5.28	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
33150	418	14411	11	598	4.86	Repair and maintenance of ships and boats
27400	717	15771	19	615	4.57	Manufacture of electric lighting equipment
25940	209	5127	14	151	3.45	Manufacture of fasteners and screw machine products
29320	1544	72965	36	2146	3.45	Manufacture of other parts and accessories for motor vehicles
28290	1680	27548	30	787	3.35	Manufacture of other general-purpose machinery n.e.c.
1130	6102	33876	140	949	3.28	Growing of vegetables and melons, roots and tubers
46440	510	5007	12	139	3.25	Wholesale of china and glassware and cleaning materials
46310	2152	33254	43	923	3.25	Wholesale of fruit and vegetables
93199	2079	20699	22	542	3.07	Other sports activities (not including activities of racehorse owners) n.e.c.
22210	665	30238	10	789	3.06	Manufacture of plastic plates, sheets, tubes and profiles
46320	2377	20078	176	508	2.97	Wholesale of meat and meat products
1190	580	4740	16	116	2.87	Growing of other non-perennial crops
			357997	12765	3.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.38.2: Top 20 Sectors by Jobs 2008 - Worcestershire

2008 SIC	Top 20 by jobs		Worcestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	27278	919909	241	8982	1.14	Primary education
47110	34592	953306	248	8591	1.06	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5120	1193554	34	7373	0.72	Hospital activities
81210	28775	402194	235	6245	1.82	General cleaning of buildings
85310	5732	547903	73	5881	1.26	General secondary education
78200	29767	669737	122	4437	0.78	Temporary employment agency activities
56302	48502	391162	525	4194	1.26	Public houses and bars
84110	12364	657299	111	3770	0.67	General public administration activities
88990	31875	449586	237	3567	0.93	Other social work activities without accommodation n.e.c.
55100	12377	313180	89	3258	1.22	Hotels and similar accommodation
86900	13758	279816	125	2993	1.25	Other human health activities
49410	23658	246603	222	2815	1.34	Freight transport by road
84240	3018	274005	20	2696	1.15	Public order and safety activities
70229	96342	307793	936	2524	0.96	Management consultancy activities (other than financial management)
47710	26202	353894	221	2521	0.83	Retail sale of clothing in specialised stores
72190	3521	112000	28	2165	2.27	Other research and experimental development on sciences and eng'ing
29320	1544	72965	36	2146	3.45	Manufacture of other parts and accessories for motor vehicles
85320	2856	135631	41	2117	1.83	Technical and vocational secondary education
82990	72283	252302	639	1987	0.92	Other business support service activities n.e.c.
78109	20390	226652	74	1822	0.94	Activities of employment placement agencies (other than [...])

Localisation of Industrial Activity across England's LEPs

Table 5.38.3: Top 20 Sectors by LQ 2012 - Worcestershire

2012 SIC	Top 20 by LQ		Worcestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
28410	339	5087	12	718	17.46	Manufacture of metal forming machinery
25930	470	7793	35	720	11.43	Manufacture of wire products, chain and springs
27400	705	14302	17	971	8.40	Manufacture of electric lighting equipment
16290	1019	6003	16	333	6.86	Manufacture of other products of wood; [also] of cork, straw, plaiting materials
1300	445	3906	13	200	6.33	Plant propagation
25940	181	4528	10	223	6.09	Manufacture of fasteners and screw machine products
25500	759	18305	16	857	5.79	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
1190	513	5347	23	212	4.90	Growing of other non-perennial crops
46620	1002	7740	15	259	4.14	Wholesale of machine tools
29320	1124	43762	32	1458	4.12	Manufacture of other parts and accessories for motor vehicles
64202	445	1266	11	38	3.71	Activities of production holding companies
1130	5246	38162	126	1099	3.56	Growing of vegetables and melons, roots and tubers
27900	644	9706	12	269	3.43	Manufacture of other electrical equipment
45320	4560	36069	57	971	3.33	Retail trade of motor vehicle parts and accessories
25730	1085	13615	27	364	3.31	Manufacture of tools
22220	489	21274	12	563	3.27	Manufacture of plastic packing goods
80300	544	1538	12	40	3.22	Investigation activities
37000	1271	16877	14	438	3.21	Sewerage
46630	727	7082	12	178	3.11	Wholesale of mining, construction and civil engineering machinery
46310	1992	30591	37	754	3.05	Wholesale of fruit and vegetables
		292953		10665	3.6%	Top 20 LEP SICs % of GB SIC jobs

Table 5.38.4: Top 20 Sectors by Jobs 2012 - Worcestershire

2012 SIC	Top 20 by jobs		Worcestershire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	25303	1000063	235	9801	1.21	Primary education
47110	38907	1001066	286	8605	1.06	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5649	1265215	40	8275	0.81	Hospital activities
78200	16131	635836	120	5115	0.99	Temporary employment agency activities
85310	5585	597877	47	4618	0.96	General secondary education
56302	40012	360425	446	3894	1.34	Public houses and bars
88990	31406	456446	231	3611	0.98	Other social work activities without accommodation n.e.c.
87100	4704	204756	53	2968	1.79	Residential nursing care activities
84110	14113	647996	151	2921	0.56	General public administration activities
86900	20625	335775	151	2763	1.02	Other human health activities
47710	24030	356877	213	2705	0.94	Retail sale of clothing in specialised stores
84240	2939	269548	20	2652	1.22	Public order and safety activities
49410	21898	189997	217	2382	1.55	Freight transport by road
55100	12487	317876	74	2297	0.89	Hotels and similar accommodation
85320	3376	190122	38	2240	1.46	Technical and vocational secondary education
70229	106896	320672	1021	2233	0.86	Management consultancy activities (other than financial management)
81210	24563	383804	242	1938	0.62	General cleaning of buildings
45200	35631	185758	401	1910	1.27	Maintenance and repair of motor vehicles
86210	18582	183818	126	1897	1.28	General medical practice activities
88910	15846	165179	177	1887	1.41	Child day-care activities

Localisation of Industrial Activity across England's LEPs

York, North Yorkshire and East Riding LEP

The York and North Yorkshire LEP had 340,689 jobs in total in 2008; of which 127,447 or, 37%, were in the top 20 employing sectors. By 2012 employment had fallen to 331,302; the top 20 sectors now accounted for 127,387 jobs or 38% of the total. Public sector activities were important for employment, particularly education and health activities. Other private sector activities of importance included the publishing of newspapers; hotels, bars and restaurants; and employment agency activities.

Tourism and agricultural activities constituted virtually all of the top sectors by LQ; the main agricultural activities included the growing of crops; raising of animals; and the production of food products and beer. In terms of tourism activities, holiday accommodation; the operation of historical sites, and the activities of amusement parks all featured. The top sectors by LQ changed between the two years; in 2008 repair of fabricated metal products was top, but had just 852 jobs; whilst in 2012 it was the manufacture of ice cream, again however employment was insignificant, totalling just 518.

There was little crossover in terms of the most important sectors by LQ and those by employment. In 2008 just the publishing of newspapers; and life insurance activities appeared on both lists, both with employment of just over 3,000. In 2012, again publishing of newspapers was one of two sectors to appear on both lists; the other being other service activities incidental to land transportation, each had a total employment of around 5,500.

There were several changes to the sectors constituting the top by LQ between 2008 and 2012; however virtually all the additions were in the agricultural or tourism sectors. The top sectors by employment were more consistent between the two years, although several of the rankings had changed. In 2008 primary education was the top employer with 14,000 jobs, by 2012 it had moved into third place and employment had dropped to 11,000. In contrast, hospital activities moved from fourth place to first, with employment rising from 11,000 to 14,000.

Localisation of Industrial Activity across England's LEPs

Table 5.39.1: Top 20 Sectors by LQ 2008 – York and North Yorkshire

2008 SIC	Top 20 by LQ		York and North Yorkshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
33110	330	7046	10	852	9.46	Repair of fabricated metal products
1700	197	643	14	56	6.82	Hunting, trapping and related service activities
10910	335	7270	21	522	5.62	Manufacture of prepared feeds for farm animals
11050	453	13876	17	995	5.61	Manufacture of beer
46230	326	2030	16	144	5.55	Wholesale of live animals
58130	1010	48901	16	3408	5.46	Publishing of newspapers
1460	684	3228	57	220	5.33	Raising of swine/pigs
93210	476	12294	13	699	4.45	Activities of amusement parks and theme parks
1450	3903	11461	178	611	4.17	Raising of sheep and goats
1190	580	4740	12	248	4.10	Growing of other non-perennial crops
10130	725	45263	17	2352	4.07	Production of meat and poultry meat products
65110	1712	69073	55	3259	3.69	Life insurance
1629	1258	7134	33	326	3.58	Support activities for animal production (other than [...]) n.e.c.
91030	1290	17655	47	799	3.54	Operation of historical sites and buildings and similar visitor attractions
1430	8795	24673	407	1076	3.41	Raising of horses and other equines
10822	173	7493	12	323	3.37	Manufacture of sugar confectionery
84220	663	75195	24	3024	3.15	Defence activities
1410	3770	9302	145	373	3.14	Raising of dairy cattle
1160	608	1973	25	75	2.98	Growing of fibre crops
55201	761	22433	31	844	2.94	Holiday centres and villages
		391683		20206	5.2%	Top 20 LEP SICs % of GB SIC jobs

Table 5.39.2: Top 20 Sectors by Jobs 2008 – York and North Yorkshire

2008 SIC	Top 20 by jobs		York and North Yorkshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
85200	27278	919909	423	13981	1.19	Primary education
85310	5732	547903	96	13682	1.95	General secondary education
47110	34592	953306	441	12065	0.99	Retail sale in non-specialised stores with food, beverages or tobacco (...)
86101	5120	1193554	52	10463	0.69	Hospital activities
88990	31875	449586	465	9535	1.66	Other social work activities without accommodation n.e.c.
55100	12377	313180	397	7718	1.93	Hotels and similar accommodation
84110	12364	657299	207	7538	0.90	General public administration activities
56302	48502	391162	953	6594	1.32	Public houses and bars
78200	29767	669737	178	5225	0.61	Temporary employment agency activities
47710	26202	353894	456	5005	1.11	Retail sale of clothing in specialised stores
85421	1628	366035	18	4440	0.95	First-degree level higher education
56101	27324	278602	452	4423	1.24	Licensed restaurants
42990	18535	208438	280	3726	1.40	Construction of other civil engineering projects n.e.c.
86900	13758	279816	176	3476	0.97	Other human health activities
58130	1010	48901	16	3408	5.46	Publishing of newspapers
81210	28775	402194	333	3331	0.65	General cleaning of buildings
41202	24979	214682	419	3294	1.20	Construction of domestic buildings
65110	1712	69073	55	3259	3.69	Life insurance
71129	53114	223349	401	3258	1.14	Other engineering activities (not including [...])
47190	10290	220975	159	3026	1.07	Other retail sale in non-specialised stores

Localisation of Industrial Activity across England's LEPs

Table 5.39.3: Top 20 Sectors by LQ 2012 – York and North Yorkshire

2012 SIC	Top 20 by LQ		York and North Yorkshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
10520	238	3051	10	518	13.60	Manufacture of ice cream
1700	208	764	17	125	13.11	Hunting, trapping and related service activities
58130	756	49161	13	5748	9.37	Publishing of newspapers
52219	2836	62899	50	5411	6.89	Other service act. incidental to land transportation, n.e.c. (not incl. rail [...])
1460	759	3656	74	306	6.71	Raising of swine/pigs
10910	271	6796	17	546	6.44	Manufacture of prepared feeds for farm animals
11050	621	12267	19	911	5.95	Manufacture of beer
46110	490	3587	19	224	5.00	Agents involved in the sale of agricult.raw materials, live animals, textile (...)
91030	802	11225	34	646	4.61	Operation of historical sites and buildings and similar visitor attractions
1430	5447	12823	360	655	4.09	Raising of horses and other equines
1420	3169	8291	164	419	4.05	Raising of other cattle and buffaloes
1450	7802	23262	317	1069	3.68	Raising of sheep and goats
10130	663	31593	14	1409	3.57	Production of meat and poultry meat products
2100	1453	8045	31	351	3.50	Silviculture and other forestry activities
1470	1707	12318	75	526	3.42	Raising of poultry
84220	576	68749	19	2924	3.41	Defence activities
95240	462	1905	12	81	3.41	Repair of furniture and home furnishings
55300	2257	26519	103	1008	3.05	Camping grounds, recreational vehicle parks and trailer parks
55209	2170	10211	95	385	3.02	Other holiday and other short-stay accommodation (not incl. [...]) n.e.c.
46170	1303	5232	15	192	2.94	Agents involved in the sale of food, beverages and tobacco
		362354		23454	6.5%	Top 20 LEP SICs % of GB SIC jobs

Table 5.39.4: Top 20 Sectors by Jobs 2012 – York and North Yorkshire

2012 SIC	Top 20 by jobs		York and North Yorkshire			SIC description
	Sites (GB)	Jobs (GB)	Sites (LEP)	Jobs (LEP)	LQ (LEP)	
86101	5649	1265215	55	13635	0.86	Hospital activities
47110	38907	1001066	448	12526	1.00	Retail sale in non-specialised stores with food, beverages or tobacco (...)
85200	25303	1000063	384	11351	0.91	Primary education
85310	5585	597877	85	8729	1.17	General secondary education
88990	31406	456446	482	8204	1.44	Other social work activities without accommodation n.e.c.
56302	40012	360425	832	7077	1.57	Public houses and bars
55100	12487	317876	370	7067	1.78	Hotels and similar accommodation
84110	14113	647996	435	6634	0.82	General public administration activities
58130	756	49161	13	5748	9.37	Publishing of newspapers
52219	2836	62899	50	5411	6.89	Other service act. incidental to land transportation, n.e.c. (not incl. rail [...])
86900	20625	335775	299	5190	1.24	Other human health activities
56101	29634	326772	476	4993	1.22	Licensed restaurants
85421	1586	388819	14	4946	1.02	First-degree level higher education
47710	24030	356877	427	4896	1.10	Retail sale of clothing in specialised stores
81210	24563	383804	311	4463	0.93	General cleaning of buildings
78200	16131	635836	167	3513	0.44	Temporary employment agency activities
56102	18097	203512	354	3293	1.30	Unlicensed restaurants and cafes
88100	11195	244977	177	3293	1.08	Social work activities without accommodation for the elderly and disabled
47190	12164	238992	172	3259	1.09	Other retail sale in non-specialised stores
87300	12381	228250	185	3159	1.11	Residential care activities for the elderly and disabled

5. Conclusion

As is recognised in the 2001 'cluster report', calculation of Location Quotients (LQs) is just the first step in the process of cluster identification. A large LQ may be necessary to attract attention but it is by no means sufficient to make the activity indicative of a candidate cluster as is evidenced by their small contribution in many cases to total employment in each LEP. As the authors of that report made clear it is important to recognise the limitations of the cluster as a guide to policy:

"The broad and metaphorical nature of the cluster concept is both strength and weakness. It is useful in the sense that the concept can act as an umbrella term for a wide range of phenomena. The lack of specificity about the constituent links means that the idea does not imply the promotion of one single prescriptive strategy which "fits all": rather, the concept allows for different forms of best practice to fit different contexts."

Trends Business Research (2001) op cit, Volume 3, p. 5

The commentary set out for each of the 39 LEPs indicates that there is much more detailed discussion required at the level of each LEP in order to understand how the analysis can be usefully fed into local economic strategies. There is no simple 'read-through' from a cluster to a strategy, however, the identification of a cluster may well provide a useful place to start the discussion¹⁷.

Notes

- ¹ <http://webarchive.nationalarchives.gov.uk/+http://www.dti.gov.uk/clusters/map>
- ² Trends Business Research (with others) (2001), ***Business Clusters in the UK – A First Assessment*** Report for the Department of Trade and Industry by a consortium led by Trends Business Research (DTI, London), available for download from: <http://www.dti.gov.uk/clusters/map> (accessed 3 November 2013)
- ³ Helen Simpson (2007), ***An Analysis of Industrial Clustering in Great Britain, Final Report***, Report for the Department of Trade and Industry (DTI, London) available for download from: <http://www.berr.gov.uk/files/file40271.pdf> (accessed 3 November 2013)
- ⁴ The analysis undertaken on the 11 UK Industrial Strategy Sectors has already been published as part of the Witty Review on “Universities and Growth”, October 2013.
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/249720/bis-13-1241-encouraging-a-british-invention-revolution-andrew-witty-review-R1.pdf
- ⁵ For a full, official, account of the Business Structure Database and its compilation, see Evans, Peter and Richard Welpton (2009) “Methods explained – Business Structure Database,” *Economic and Labour Market Review*, Vol. 3, No. 6, pp. 71–75.
- ⁶ The statistical data used here is from the Office of National Statistics (ONS) and is Crown copyright and reproduced with the permission of the controller of HMSO and Queens Printer for Scotland. The use of the ONS statistical data in this work does not imply the endorsement of the ONS in relation to the interpretation or analysis of the statistical data. The analysis upon which this report is based uses research datasets which may not exactly reproduce National Statistics aggregates.
- ⁷ Since an employee can work in more than one workplace summing over workplaces produces an estimate of jobs rather than of employment. We ignore this distinction here and use the terms employment and jobs interchangeably.
- ⁸ The term “establishment” is used in the United States (see Sadeghi, A (2008) “The births and deaths of business establishments in the United States,” *Monthly Labor Review*, pp. 3–18) but in the EUROSTAT system “local units” can have more than one location, their equivalent term for the UK’s local units appears to be a “local unit of homogeneous production” (see EUROSTAT-OECD [2007], pp. 95–96; EUROSTAT-OECD (2007) EUROSTAT OECD Manual on Business Demography Statistics, Luxembourg: EUROSTAT.

Localisation of Industrial Activity across England's LEPs

⁹ For a discussion of the 'boundary issue' and of the process of LEP formation see House of Commons Business and Committee (2013) "Local Enterprise Partnerships Ninth Report of Session 2012-13 Report," House of Commons 598.

¹⁰ For a discussion of the location quotient, used to measure localization, and of the distinction between 'localization' and 'specialization' see Mulligan, Gordon F. and Charles Schmidt (2005) "A Note on Localization and Specialization," *Growth and Change*, Vol. 36, No. 4, pp. 565–576. They suggest that: "Localization, or spatial concentration, applies to specific industries. In this case the analyst typically assesses whether different industries have different degrees of localization. Those industries having low (high) degrees of localization, like food and kindred products (chemicals), are distributed evenly (unevenly) over space. Specialization, on the other hand, applies to specific regions. In this case the analyst typically assesses whether the economies of different regions are more or less balanced in terms of their industry mix.", Mulligan and Schmidt, (2005, p.565). However, as they subsequently demonstrate, the distinction between these two concepts is more one of perspective than of principle: "the sum of all local estimates of localization, weighted by relative regional size, equals the sum of all local estimates of specialization, weighted by relative industry size." Mulligan and Schmidt, (2005, p.566).

¹¹ We use Great Britain rather than the United Kingdom as the denominator because, for some technical reasons, the Northern Ireland data is not comparable with that for the rest of the country.

¹² However it has recently been shown how it is possible, under certain assumptions, to compute a confidence interval-like construct for LQs, see Andrew Crawley, Malcolm Beynon and Max Munday (2013) "Making Location Quotients More Relevant as a Policy Aid in Regional Spatial Analysis" *Urban Studies*, Vol. 50, no.9 pp. 1854-1869

¹³ See Trends Business Research (2001), op cit., **Volume 3, Technical Annexes.**

¹⁴ https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/249720/bis-13-1241-encouraging-a-british-invention-revolution-andrew-witty-review-R1.pdf

¹⁵ https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/34607/12-1140-industrial-strategy-uk-sector-analysis.pdf

¹⁶ Nine of the Industrial Strategy sectors are defined as follows using the 2007 SIC: Aerospace: 30.3, 33.16; Automotive: 29; Life Sciences: 21, 26.6, 32.5, 72.11; Agri-tech: 01, 03.2, 20.15, 20.2, 28.3; Information Economy: 58.2, 61, 62, 63; Professional & Business Services: 69, 70, 71, 72, 73, 74, 77, 78, 82; Oil and Gas: 06, 09.1, 19; Education: 85; Construction: 41, 42, 43;

Localisation of Industrial Activity across England's LEPs

For the Offshore Wind sector we used lists of individual companies provided by BIS which we used to obtain Company Registration Numbers (CRNs) from FAME which we then linked to the anonymised ONS BSD. For the Nuclear sector we compiled a list of firms from FAME.

¹⁷ For a wide-ranging discussion of the issues surrounding the identification of different types of clusters and the corresponding differences in the appropriate policy response, see **Trends Business Research (2001)** op cit. Volume 3, Annex 1: The Theoretical Background.



Centre Manager
Enterprise Research Centre
Warwick Business School
Coventry, CV4 7AL
Enquiries@enterpriseresearch.ac.uk

Centre Manager
Enterprise Research Centre
Aston Business School
Birmingham, B1 7ET
Enquiries@enterpriseresearch.ac.uk

The Enterprise Research Centre is an independent research centre funded by the Economic and Social Research Council (ESRC), the Department for Business, Innovation & Skills (BIS), the Technology Strategy Board (TSB) and, through the British Bankers Association (BBA), by the Royal Bank of Scotland PLC, HSBC Bank PLC, Barclays Bank PLC and Lloyds TSB Bank PLC.

www.enterpriseresearch.ac.uk