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## Census 2011

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### Census 2011 – Economic activity, Doncaster

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Doncaster Data Observatory

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# Census 2011 – Economic activity, local authorities in England and Wales

## 1. Introduction

### Purpose

- 1.1 To detail the first release of data relating to estimates that classify the usual resident population aged 16 to 74 by economic activity on census day (27 March 2011) and provide comparison with regional and national data and changes since the previous Census in 2001.

### Background

- 1.2 The census has collected information about the population every 10 years since 1801 (except in 1941). The latest census in England and Wales took place on 27 March 2011. Census statistics describe the characteristics of an area, such as how many men and women there are and their ages. The statistics are used to understand similarities and differences in the populations' characteristics locally, regionally and nationally. **This information underpins the allocation of billions of pounds of public money to provide services like education, transport and health.** Decisions are taken every day using census statistics. These are as local as the number of car parking spaces needed at supermarkets, to wider programmes, for example, where to target government training schemes. The numbers of school spaces, houses, care homes, or the development of traffic management systems or funding for local and unitary authorities, are all influenced by the census.
- 1.3 The 2011 Census achieved its overall target response rate of 94 per cent of the usually resident population of England and Wales, and over 80 per cent in all local and unitary authorities. The population estimate for England and Wales of 56.1 million is estimated with 95 per cent confidence to be accurate to within +/- 85,000 (0.15 per cent). **The 2011 Census provides a high quality estimate of the population that people can use with confidence.**
- 1.4 Economic activity relates to whether or not a person who was aged 16 to 74 was working or looking for work in the week before census. Rather than a simple indicator of whether or not someone was currently in employment, it provides a measure of whether or not a person was an active participant in the labour market.

A person's economic activity is derived from their 'Activity last week'. This is an indicator of their status or availability for employment - whether employed, actively looking for work, waiting to start a new job, available to start a new job, or their status if not employed or not seeking

employment. Additional information included in the economic activity classification is also derived from information about the number of hours a person works and their type of employment - whether employed or self-employed.

The census concept of economic activity is compatible with the standard for economic status defined by the International Labour Organisation (ILO). It is one of a number of definitions used internationally to produce accurate and comparable statistics on employment, unemployment and economic status.

## Economic Activity - Summary of Information

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## 2.0 Headlines from 2011 Census

### 2.1 The Census data has identified that:

- 36.7% of Doncaster's residents, who are classified as 'economically active' are in full time employment, 0.2% up on the 2001 census return. The proportion of people in full time employment is still below both the regional (37%) and national (38.5%) average although the gap is narrowing as regional and national average although the gap is closing as both have seen a fall since 2001 of 1.8% and 2.1% respectively.
- 5.7% of Doncaster's residents, who are classified as 'economically active' are unemployed, 1.5% higher than in 2001. Both the regional and national average have increased but not to the same extent with the regional average up 1.1% to 4.8% whilst the national average has risen 1% to 4.4%
- 5.9% of Doncaster residents, who are classified as 'economically inactive' are categorised as 'long term sick or disabled'. Although this remains higher than both the regional and national average the gap has closed as regionally it has fallen 1.6% to 4.5% and nationally it is down 1.3% to 4.2%
- Over 4,100 young people aged 16-24 are unemployed; this represents 1.9% of the residents aged between 16 and 74. Again this is higher than both the regional (1.5%) and national (1.2%) average.
- Nearly 5,000 (2.2%) of residents aged between 16 and 74 are classified as 'long-term unemployed' (i.e. unemployed at the time of the 2011 Census and the year they last worked was 2009 or earlier). The regional average is 1.9% and the nation average is 1.7%.
- The main activity of employer or business employing the largest percentage of Doncaster residents are the Wholesale and Retail trade (19.4%), Human Health and social work activities (13.3%), Manufacturing (10.7%), Construction (9.7%) and education (8.5%).
- Over 30% of Doncaster residents have no formal qualifications, compared with a Regional average of 25.8% and National average of 22.5%.
- 7.9% of Doncaster residents have a degree or higher degree, well below both the regional (13.9%) and national (17.4%) average.

### 3.0 Economic Activity in Doncaster

36.7% of Doncaster's residents, who are classified as 'economically active' are in full time employment, 0.2% up on the 2001 census return. Although this is slightly below the average for the Yorkshire and Humber region (37%) the 'gap' has narrowed as the regional average has fallen 1.8% since 2001. It is a similar story nationally with the average higher at 38.5% but this has fallen 2.1% since the last Census.

<b>All categories: Economic activity</b>	<b>220,877</b>		Change 2001-2011 census
<b>Economically active</b>			
Employee: Full-time	80,998	36.7%	↑ 0.2%
Employee: Part-time	33,112	15.0%	↑ 1.5%
Self-employed	16,196	7.3%	↑ 1.3%
Unemployed	12,697	5.7%	↑ 1.5%
Full-time student	4,767	2.2%	↑ 0.5%
<b>Total</b>	<b>147,770</b>	<b>66.9%</b>	
<b>Economically inactive:</b>			
Retired	34,110	15.4%	↑ 0.2%
Student (including full-time students)	8,765	4.0%	↑ 0.9%
Looking after home or family	10,746	4.9%	↓ 2.7%
Long-term sick or disabled	12,958	5.9%	↓ 2.5%
Other	6,528	2.9%	↓ 0.9%
<b>Total</b>	<b>73,107</b>	<b>33.1%</b>	

5.7% of Doncaster's residents, who are classified as 'economically active' are unemployed. This is 1.5% higher than in 2001 and is the highest figure amongst the four South Yorkshire authorities and higher than both the regional (4.8%) and national (4.4%) average.

5.9% of Doncaster residents, who are classified as 'economically inactive' are categorised as 'long term sick or disabled'. Although this is 2.5% down on the 2001 figure it is again higher than both the regional (4.5%) and national (4.2%) average.

<p><b>Economically active</b></p> <p>A person aged 16 to 74 is described as economically active if, in the week before the census, they were</p> <ul style="list-style-type: none"> <li>• in employment, as an employee or self-employed;</li> <li>• not in employment, but were seeking work and ready to start work within two weeks, or</li> <li>• not in employment, but waiting to start a job already obtained and available.</li> </ul> <p>Full-time students who fulfil any of these criteria are classified as economically active and are counted separately in the 'Full-time student' category of economically active - they are not included in any of the other categories such as employees or unemployed.</p>	<p><b>Economically Inactive</b></p> <p>A person aged 16 to 74 is described as economically inactive if, in the week before the census, they were not in employment but did not meet the criteria to be classified as 'Unemployed' This includes a person looking for work but not available to start work within two weeks, as well as anyone not looking for work, or unable to work - for example retired, looking after home/family, permanently sick or disabled.</p> <p>Students who fulfil any of these criteria are also classified as economically inactive. This does not necessarily mean in full-time education and excludes students who were working or in some other way were economically active.</p>
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### 3.1 Economic Activity in Doncaster – by gender

	Male		Female	
<b>All categories: Economic activity</b>	<b>110,475</b>		<b>110,402</b>	
<b>Economically active</b>				
Employee: Full-time	50,870	46.0%	30,128	27.3%
Employee: Part-time	6,928	6.3%	26,184	23.7%
Self-employed	11,735	10.6%	4,461	4.0%
Unemployed	7,900	7.2%	4,797	4.3%
Full-time student	2,021	1.8%	2,746	2.5%
<b>Total</b>	<b>79,454</b>	<b>71.9%</b>	<b>68,316</b>	<b>61.8%</b>
<b>Economically inactive:</b>				
Retired	14,789	13.4%	19,321	17.5%
Student (including full-time students)	4,271	3.9%	4,494	4.1%
Looking after home or family	1,280	1.2%	9,466	8.6%
Long-term sick or disabled	6,884	6.2%	6,074	5.5%
Other	3,797	3.4%	2,731	2.5%
<b>Total</b>	<b>31,021</b>	<b>28.1%</b>	<b>42,086</b>	<b>38.2%</b>

<p><b>Economically active</b></p> <p>A person aged 16 to 74 is described as economically active if, in the week before the census, they were</p> <ul style="list-style-type: none"> <li>• in employment, as an employee of self-employed;</li> <li>• not in employment, but were seeking work and ready to start work within two weeks, or</li> <li>• not in employment, but waiting to start a job already obtained and available.</li> </ul> <p>Full-time students who fulfil any of these criteria are classified as economically active and are counted separately in the 'Full-time student' category of economically active - they are not included in any of the other categories such as employees or unemployed.</p>	<p><b>Economically Inactive</b></p> <p>A person aged 16 to 74 is described as economically inactive if, in the week before the census, they were not in employment but did not meet the criteria to be classified as 'Unemployed' This includes a person looking for work but not available to start work within two weeks, as well as anyone not looking for work, or unable to work - for example retired, looking after home/family, permanently sick or disabled.</p> <p>Students who fulfil any of these criteria are also classified as economically inactive. This does not necessarily mean in full-time education and excludes students who were working or in some other way were economically active.</p>
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### 3.2 Economic Activity in South Yorkshire, Yorkshire and the Humber and England – Headlines from 2011 Census

	Economically active						Economically inactive				
	All categories: Economic activity	Employee: Part-time	Employee: Full-time	Self-employed	Unemployed	Full-time student	Retired	Student (including full-time students)	Looking after home or family	Long-term sick or disabled	Other
Barnsley	170,405	24,807	62,841	13,103	8,738	3,817	28,008	6,225	7,435	11,925	3,506
<b>Doncaster</b>	<b>220,877</b>	<b>33,112</b>	<b>80,998</b>	<b>16,196</b>	<b>12,697</b>	<b>4,767</b>	<b>34,110</b>	<b>8,765</b>	<b>10,746</b>	<b>12,958</b>	<b>6,528</b>
Rotherham	187,959	28,830	68,860	13,994	9,821	4,394	31,117	7,405	8,864	10,614	4,060
Sheffield	411,004	56,868	140,933	30,021	19,626	22,791	52,941	44,212	16,682	18,418	8,512
South Yorkshire	990,245	143,617	353,632	73,314	50,882	35,769	146,176	66,607	43,727	53,915	22,606
Yorkshire & The Humber	3,875,219	564,578	1,435,376	325,432	187,755	136,834	570,173	228,653	166,214	174,493	85,711
England	38,881,374	5,333,268	15,016,564	3,793,632	1,702,847	1,336,823	5,320,691	2,255,831	1,695,134	1,574,134	852,450

### 3.3 Economic Activity in South Yorkshire, Yorkshire and the Humber and England - Percentage

	Economically active:						Economically inactive:				
	All categories: Economic activity	Employee: Part-time	Employee: Full-time	Self-employed	Unemployed	Full-time student	Retired	Student (including full-time students)	Looking after home or family	Long-term sick or disabled	Other
Barnsley		14.6	36.9	7.7	5.1	2.2	16.4	3.7	4.4	7.0	2.1
<b>Doncaster</b>		<b>15.0</b>	<b>36.7</b>	<b>7.3</b>	<b>5.7</b>	<b>2.2</b>	<b>15.4</b>	<b>4.0</b>	<b>4.9</b>	<b>5.9</b>	<b>3.0</b>
Rotherham		15.3	36.6	7.4	5.2	2.3	16.6	3.9	4.7	5.6	2.2
Sheffield		13.8	34.3	7.3	4.8	5.5	12.9	10.8	4.1	4.5	2.1
South Yorkshire		14.5	35.7	7.4	5.1	3.6	14.8	6.7	4.4	5.4	2.3
Yorkshire & The Humber		14.6	37.0	8.4	4.8	3.5	14.7	5.9	4.3	4.5	2.2
England		13.7	38.6	9.8	4.4	3.4	13.7	5.8	4.4	4.0	2.2

### 3.4 Unemployment -Doncaster

Over 4,100 young people aged 16-24 are unemployed; this represents 1.9% of the residents aged between 16 and 74. In South Yorkshire the average is 1.6, for the Yorkshire and Humber it is 1.5% and nationally 1.2%. (There are no comparative figures from the 2001 census).

Unemployed	Total	Male		Female	
Age 16 to 24	4,134	2,592	62.7%	1,542	37.3%
Age 50 to 74	2,000	1,334	66.7%	666	33.3%
Never worked	2,138	1,266	59.2%	872	40.8%
Long-term unemployed	4,936	2,903	58.8%	2,033	41.2%

A person aged 16 to 74 is classified as unemployed if they are not in employment, are available to start work in the next two weeks, and either looked for work in the last four weeks or are waiting to start a new job.

Nearly 5,000 (2.2%) of residents aged between 16 and 74 are classified as 'long-term unemployed' (i.e. unemployed at the time of the 2011 Census and the year they last worked was 2009 or earlier). This is highest figure amongst the South Yorkshire authorities and higher than both the regional (1.9%) and national (1.7%) average.

### 3.5 Unemployment

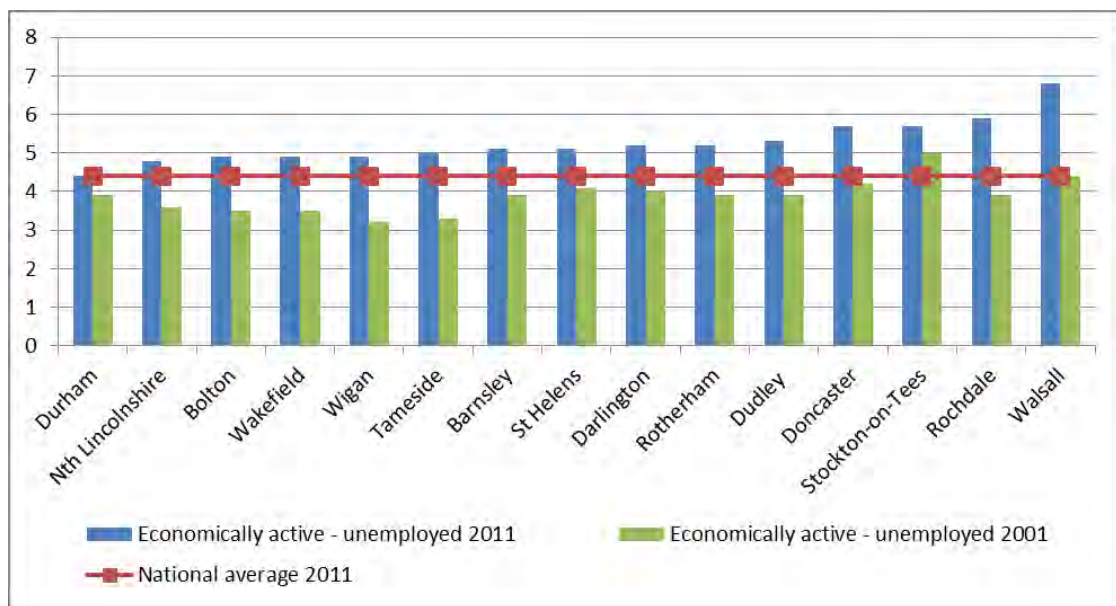
#### Doncaster, South Yorkshire Authorities, Yorkshire & The Humber Region and England

	Unemployed: Age 16 to 24		Unemployed: Age 50 to 74		Unemployed: Never worked		Long-term unemployed	
Barnsley	2,942	1.7%	1,349	0.8%	1,639	1.0%	3,577	2.1%
<b>Doncaster</b>	<b>4,134</b>	<b>1.9%</b>	<b>2,000</b>	<b>0.9%</b>	<b>2,138</b>	<b>1.0%</b>	<b>4,936</b>	<b>2.2%</b>
Rotherham	3,170	1.7%	1,693	0.9%	1,873	1.0%	3,917	2.1%
Sheffield	5,909	1.4%	3,157	0.8%	4,013	1.0%	7,641	1.9%
South Yorkshire	16,155	1.6%	8,199	0.8%	9,663	1.0%	20,071	2.0%
Yorkshire & The Humber	<b>56,251</b>	1.5%	<b>32,216</b>	0.8%	<b>32,785</b>	0.8%	<b>75,113</b>	1.9%
England		1.2%		0.8%		0.7%		1.7%

A person aged 16 to 74 is classified as unemployed if they are not in employment, are available to start work in the next two weeks, and either looked for work in the last four weeks or are waiting to start a new job.

### 3.6 Unemployment (Comparator group)

The chart below shows the proportion of population in the 16-74 age group by comparator authority for 2011 classified as 'economically active – unemployed'. The figures range from 4.4% (Durham) to 6.8% (Walsall) with the majority of the comparator authorities grouped in the range 4.9 – 5.2% whilst the national average is 4.4%. All authorities in the group have seen an increase in the last 10 years with only Durham (0.5%) and Stockton (0.7%) seeing a smaller increase than the national average (which is up 1% since 2001).



**Percentage of population aged 16-74 by comparator authority for 2011 classified as 'economically active – unemployed'**

Although national issues have undoubtedly had an impact on the percentage of the Doncaster population that are 'economically active – unemployed' it should be noted that the increase locally is higher than the average of both our comparator group (1.4%) and the regional figure (1.1%) and is the largest increase amongst the four South Yorkshire Authorities; (Barnsley up 1.2%; Rotherham 1.3% and Sheffield 0.6%).

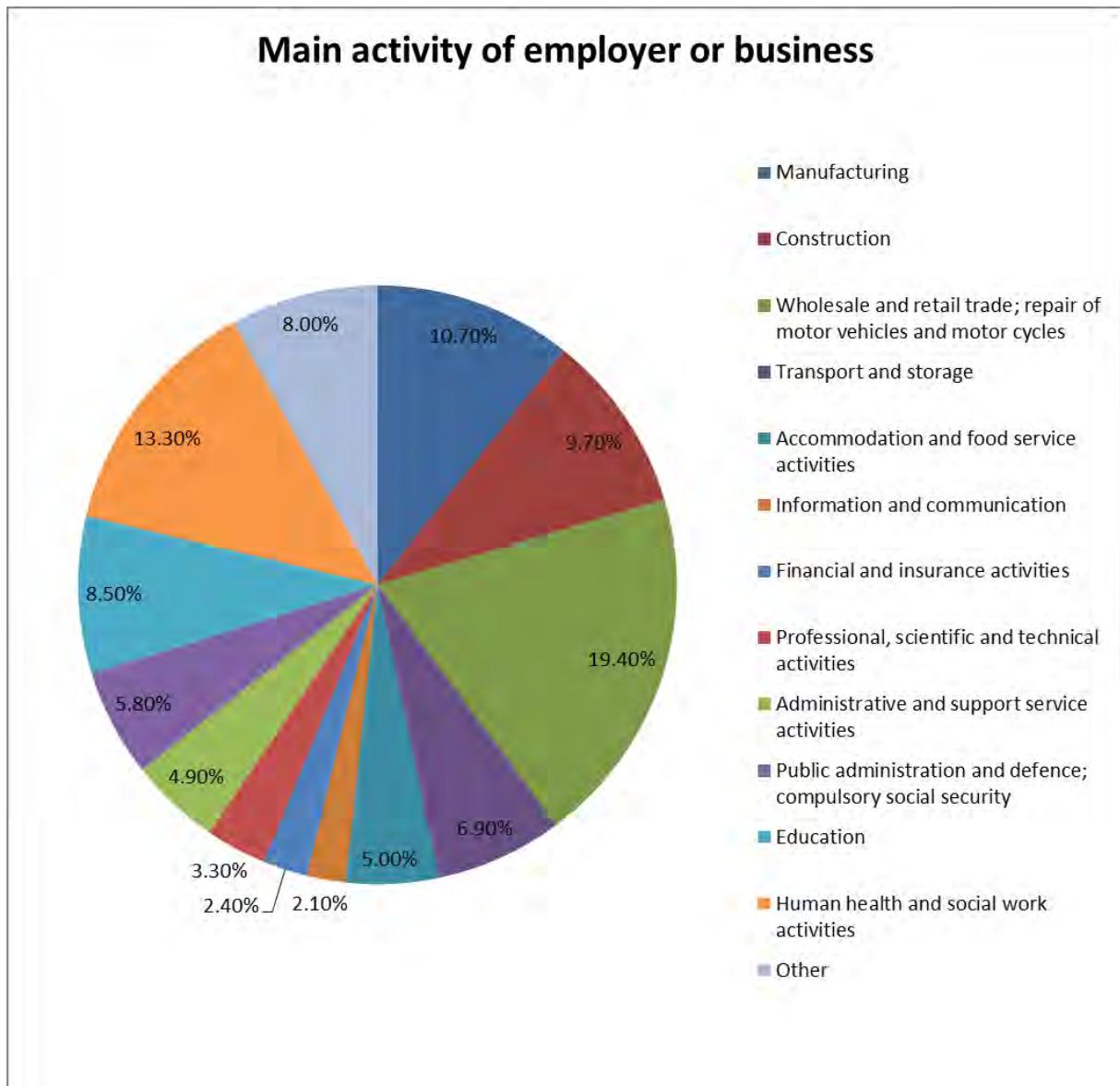
### 3.7 Industry – main activity of employer or business – South Yorkshire

	Barnsley	<b>Doncaster</b>	Rotherham	Sheffield
All categories: Industry	103,579	<b>133,815</b>	114,871	244,318
Agriculture, forestry and fishing	530	<b>712</b>	365	420
Mining and quarrying	447	<b>762</b>	422	175
Manufacturing	13,003	<b>14,254</b>	15,383	22,721
Electricity, gas, steam and air conditioning supply	556	<b>977</b>	715	688
Water supply; sewerage, waste management and remediation activities	1,047	<b>1,282</b>	1,212	1,684
Construction	11,094	<b>13,018</b>	10,978	18,544
Wholesale and retail trade; repair of motor vehicles and motor cycles	18,143	<b>26,026</b>	20,101	37,244
Transport and storage	5,220	<b>9,277</b>	6,194	10,214
Accommodation and food service activities	4,664	<b>6,686</b>	5,212	14,624
Information and communication	2,179	<b>2,874</b>	2,682	7,927
Financial and insurance activities	2,352	<b>3,253</b>	3,485	8,706
Real estate activities	1,174	<b>1,099</b>	1,009	3,476
Professional, scientific and technical activities	3,852	<b>4,422</b>	4,264	13,167
Administrative and support service activities	5,480	<b>6,512</b>	5,883	9,932
Public administration and defence; compulsory social security	5,948	<b>7,818</b>	6,317	13,309
Education	9,397	<b>11,407</b>	10,818	29,847
Human health and social work activities	14209.0	<b>17837.0</b>	15291.0	39820.0
Other	4,284	<b>5,599</b>	4,540	11,820
The industry in which a person aged 16 to 74 works relates to their main job, and is derived from information provided on the main activity of their employer or business. This is used to assign responses to an industry code based on the Standard Industrial Classification 2007.				

The main activity of employer or business employing the largest percentage of Doncaster residents are the Wholesale and Retail trade (19.4%), Human Health and social work activities (13.3%), Manufacturing (10.7%), Construction (9.7%) and education (8.5%). These are the top 5 areas in each of the 4 South Yorkshire authorities as well as regionally and nationally (although not necessarily in the same order).

3.8 Industry – main activity of employer or business – percentages

**Doncaster**



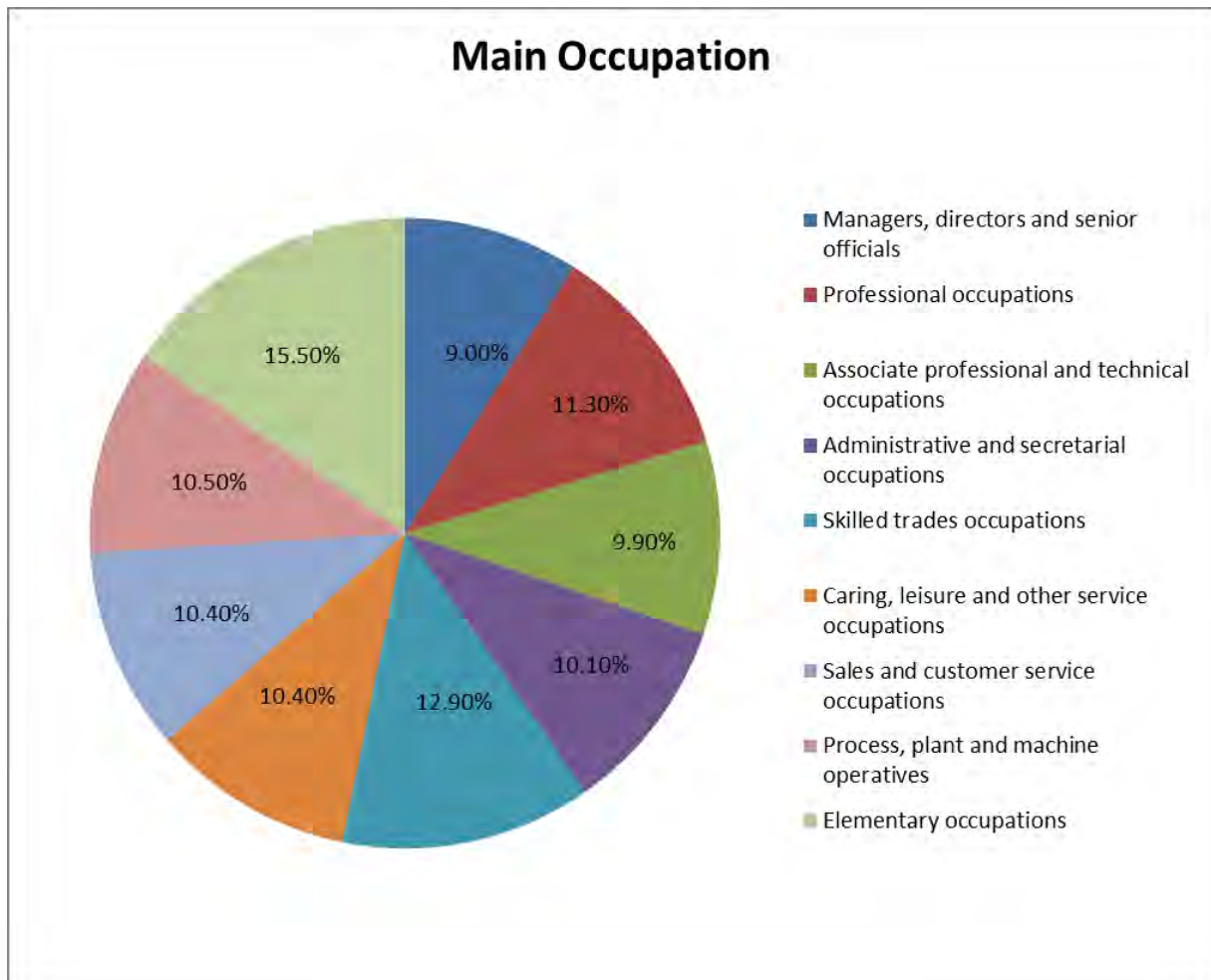
### 3.9 Main Occupation – South Yorkshire Authorities

	Barnsley	%	Doncaster	%	Rotherham	%	Sheffield	%
All categories	103,579		<b>133,815</b>		114,871		244,318	
Managers, directors and senior officials	9,372	9%	<b>12,078</b>	<b>9%</b>	10,285	9%	20,481	8.4%
Professional occupations	12,836	12.4%	<b>15,111</b>	<b>11.3%</b>	14,407	12.5%	47,803	19.6%
Associate professional and technical occupations	10,260	9.9%	<b>13,199</b>	<b>9.9%</b>	11,387	9.9%	27,794	11.4%
Administrative and secretarial occupations	10,450	10.1%	<b>13,530</b>	<b>10.1%</b>	12,652	11%	27,279	11.2%
Skilled trades occupations	14,242	3.7%	<b>17,283</b>	<b>2.9%</b>	15,018	3.1%	26,275	0.8%
Caring, leisure and other service occupations	10,781	10.4%	<b>13,875</b>	<b>10.4%</b>	11,983	10.4%	23,217	9.5%
Sales and customer service occupations	10,870	10.5%	<b>13,922</b>	<b>10.4%</b>	12,670	11%	23,925	9.8%
Process, plant and machine operatives	11,291	10.9%	<b>14,079</b>	<b>10.5%</b>	12,205	10.6%	18,199	7.4%
Elementary occupations	13,477	13%	<b>20,738</b>	<b>15.5%</b>	14,264	2.4%	29,345	12%
<p>A person's occupation relates to their main job and is derived from either their job title or details of the activities involved in their job. This is used to assign responses to an occupation code based on the Standard Occupational Classification 2010 (SOC2010). Further details can be found at <a href="http://www.ons.gov.uk/ons/guide-method/classifications/current-standard-classifications/soc2010/soc2010-volume-1-structure-and-descriptions-of-unit-groups/index.html">http://www.ons.gov.uk/ons/guide-method/classifications/current-standard-classifications/soc2010/soc2010-volume-1-structure-and-descriptions-of-unit-groups/index.html</a></p>								

The main area of occupation of Doncaster resident's is classified as 'elementary occupations'. Occupations classified at this level will, at best, usually require a minimum general level of education, and are therefore likely to be low paid. The high percentage of Doncaster's population employed in this area may be a reflection of the number of residents who have no, or a basic level qualification (see table 4).

### 3.10 Main Occupation (Percentages)

#### South Yorkshire Authorities, Yorkshire & The Humber and England



## 4.0 Qualifications

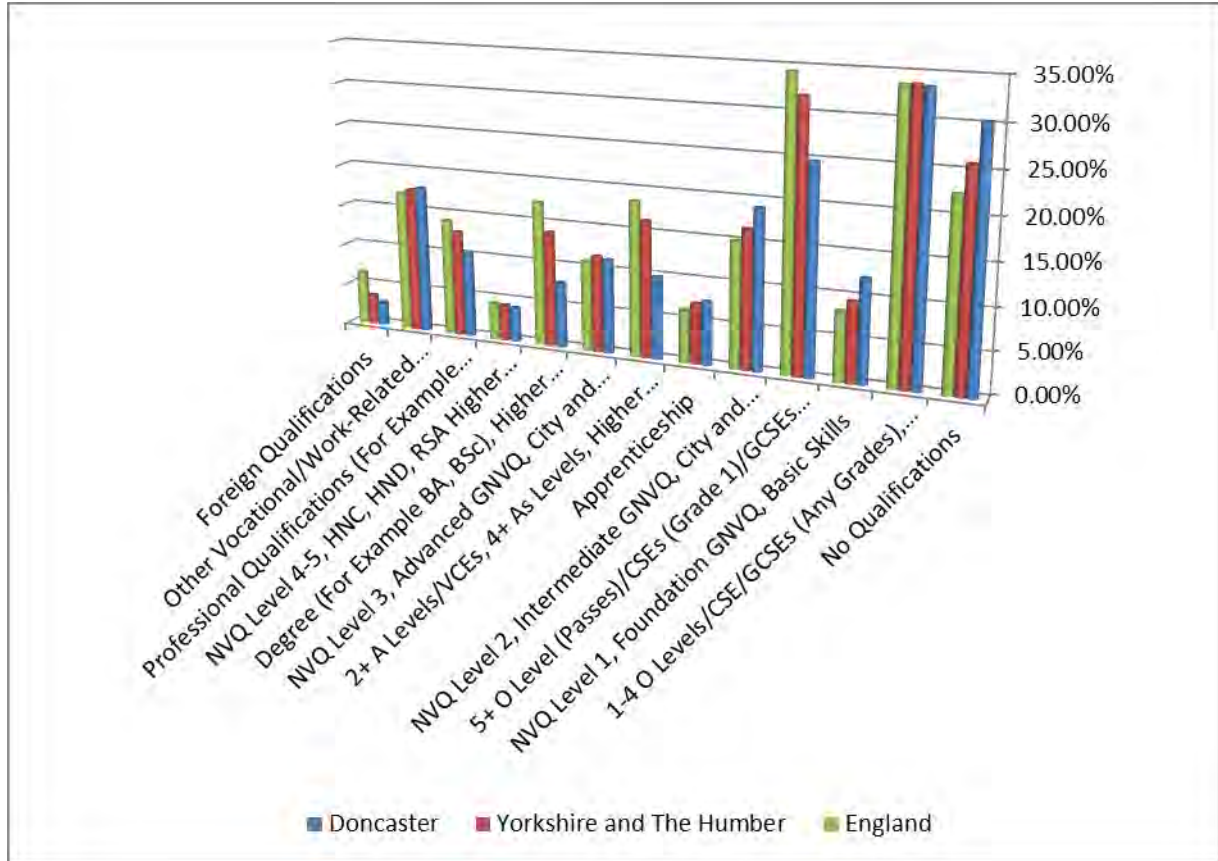
Residents aged 16+ by qualifications gained, for Doncaster, Yorkshire and Humber Region and England as at census day 2011.

	Doncaster	%	Yorkshire and The Humber	%	England	%
All Usual Residents Aged 16 and Over	244,909		4,285,941		42,989,620	
No Qualifications	74,119	30.3%	1,104,692	25.8%	9,656,810	22.5%
1-4 O Levels/CSE/GCSEs (Any Grades), Entry Level, Foundation Diploma	82,240	33.6%	1,450,438	33.8%	14,476,106	33.7%
NVQ Level 1, Foundation GNVQ, Basic Skills	30,158	12.3%	408,032	9.5%	3,549,205	8.3%
5+ O Level (Passes)/CSEs (Grade 1)/GCSEs (Grades A*-C), School Certificate, 1 A Level/2-3 AS Levels/VCEs, Higher Diploma, Welsh Baccalaureate Intermediate Diploma	60,684	24.8%	1,368,435	31.9%	14,770,857	34.4%
NVQ Level 2, Intermediate GNVQ, City and Guilds Craft, BTEC First/General Diploma, RSA Diploma	46,854	19.1%	712,684	16.6%	6,471,092	15.1%
Apprenticeship	18,662	7.6%	308,482	7.2%	2,723,419	6.3%
2+ A Levels/VCEs, 4+ As Levels, Higher School Certificate, Progression/Advanced Diploma, Welsh Baccalaureate Advanced Diploma	24,139	9.9%	702,773	16.4%	7,989,853	18.6%
NVQ Level 3, Advanced GNVQ, City and Guilds Advanced Craft, ONC, OND, BTEC National, RSA Advanced Diploma	27,693	11.3%	496,687	11.6%	4,701,028	10.9%
Degree (For Example BA, BSc), Higher Degree (For Example MA, PhD, PGCE)	19,348	7.9%	596,081	13.9%	7,472,181	17.4%
NVQ Level 4-5, HNC, HND, RSA Higher Diploma, BTEC Higher Level	10,124	4.1%	182,835	4.3%	1,878,697	4.4%
Professional Qualifications (For Example Teaching, Nursing, Accountancy)	25,179	10.3%	547,941	12.8%	6,072,830	14.1%
Other Vocational/Work-Related Qualifications	43,689	17.8%	748,437	17.5%	7,315,650	17.0%
Foreign Qualifications	6,933	2.8%	155,202	3.6%	2,776,829	6.5%



## Residents aged 16 and over by qualifications gained

Doncaster, Yorkshire and Humber Region and England, as at census day 2011.



Over 30% of Doncaster residents have no formal qualifications, well above the Regional (25.8%) and National (22.5%) and this obviously has an impact on the type of work that they are able to find. It is likely to be unskilled, low paid, elementary occupations with little or no opportunity for career progression.

With only 7.9% of the population (aged 16-74) having a degree or higher degree Doncaster trails well behind both the regional (13.9%) and national (17.4%) average.