

## Employees in Employment in Cumbria - 2006

### Background

The 2006 Annual Business Inquiry data were released by ONS on 12<sup>th</sup> December. This dataset measures employees in employment and does not therefore include any self employment.

We have previously raised concerns with ONS about the overall reliability of the 2005 data for Cumbria which showed large falls in employment across all sectors compared to 2004 (-9.9% overall). This scale of decline could not be substantiated from local knowledge or from other datasets. Following our intervention, the 2005 data for the nuclear sector has been revised but no substantial changes to other sectors in Cumbria have been made. The new 2006 data shows an increase which corresponds to the fall in 2005 and thus supports the view that the 2005 figures are unreliable. *We would therefore strongly advise against using 2005 ABI data in any analysis* and for the purposes of this paper we have used 2004-2006 as the short term change period.

### Recent Key Findings Cumbria – 2004-2006

- Total employees in employment in Cumbria in 2006 were 217,433. The largest sector in terms of employees is wholesale/retail with 39,360 (18.1%) of all jobs, followed by manufacturing (35,856, 16.5%).
- Over the short term (2004-2006), employment has shown a marginal fall (-0.5%). This compares with a fall of -0.8% in the North West and growth of +1% nationally (see note 1 on data discontinuity).
- Sectors showing the biggest numerical growth are hotels/restaurants (+4,077) and business services (+2,113). Those showing the biggest decline are other services (-4,194) and wholesale/retail (-3,331).
- Sectors with the biggest percentage growth are hotels/restaurants (+19.8%) and construction (+13.4%) whilst those with the biggest decline are other services (-28.7%) and financial intermediation (-12.4%).
- Male jobs have grown by 1.9% in Cumbria, compared to a -0.9% fall in the North West and growth of +0.9% nationally. Female jobs have fallen by -2.9% compared with -0.7% regionally and growth of +1% nationally.
- Full time jobs have grown by +1.2% in Cumbria, +0.8% regionally, +2.5% nationally. Part time jobs have fallen by -3.6% in Cumbria, -4.2% regionally and -2.2% nationally.

### Recent Key Findings Districts - 2004-2006

- Total employment fell in Allerdale (-0.1%), Carlisle (-2%), Copeland (-0.5%) and South Lakeland (-2.2%) but grew in Barrow (+1.7%) and Eden (+3.8%).
- There was strong manufacturing growth in Barrow (+19.9%) but corresponding losses in Carlisle (-16%).
- Construction sector growth was particularly evident in Carlisle (+23.8%) and Eden (+22.1%), whilst hotel/restaurant growth was strongest in Copeland (+38.5%) and Allerdale (+29%).
- Business services grew strongly (+36.6%) in Barrow, whilst the financial intermediation sector showed falls particularly in Allerdale (-16.6%) and Carlisle (-19%).
- The other services sector showed significant falls in all districts

### Longterm Key Findings Cumbria and Districts – 1998-2006

- Total employment in Cumbria grew by 10.7% between 1998 and 2006 which is faster than the regional (+8%) or national (+8.1%) growth rates. This equates to 21,017 more employees in employment in 2006 than 1998.
- Copeland is the only district not to have shown growth over the longer term (-0.3%) and Allerdale's growth (+4.9%) has lagged behind the national and county rate. However, Eden (+20.6%), South Lakeland (+16.3%) and Barrow (+15.9%) have all grown significantly faster than the national average.
- Long term growth has been particularly strong in business activities which has gained 7,185 employees (+43.8%) and in education (+6,067, +55.3%) and construction (3,225, +34.1%).
- Although manufacturing has declined in Cumbria (-5,816, -14%), the rate of decline is slower than regionally (-28.8%) or nationally (-29.1%)

**Note 1:** There are three discontinuities which affect the 2006 ABI results and should be taken into account when comparing results with previous years. These are as follows:

- Change in the reference date from December to September which has resulted in lower overall employment estimates, particularly in sectors affected by seasonal employment.
- Use of Business Register Survey data from large employers instead of STES which again may result in lower employment estimates.
- Change to the minimum domain methodology which should reduce some of the volatility in data for small geographic areas.

**Note 2:** Data for 2003 onwards is based on the SIC2003 classification of sectors which may result in some discontinuity when comparing sector data for years prior to 2003.

We will do more analysis over the coming weeks to look in more detail at the data. If you have any immediate queries in the meantime please don't hesitate to get in touch.

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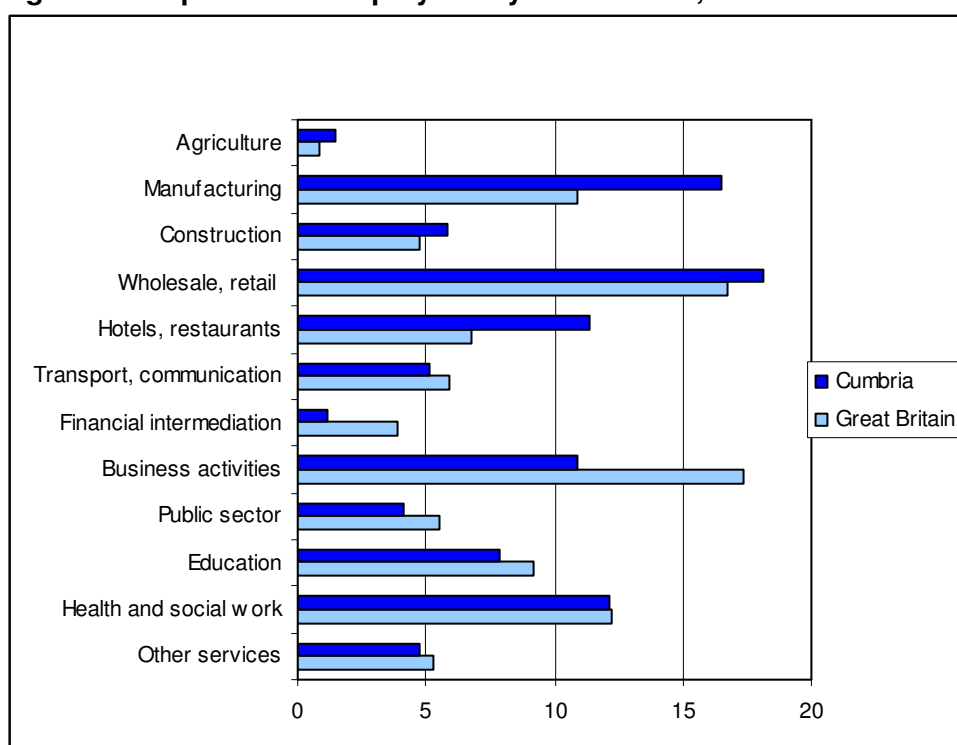
December 14<sup>th</sup> 2007

**Table 1: Total Employees in Employment 2006, Cumbria and Districts**

	Cumbria	Allerdale	Barrow	Carlisle	Copeland	Eden	South Lakeland
Agriculture	3,132	599	37	489	403	906	698
Fishing	65	7	8	1	7	37	5
Mining, quarrying	627	88	78	20	52	116	273
Manufacturing	35,856	6,324	6,148	6,286	9,643	2,398	5,059
Gas, water, electricity	926	214	217	177	8	65	244
Construction	12,673	2,587	1,056	3,080	1,363	2,093	2,493
Wholesale, retail	39,360	6,506	4,692	11,468	3,135	3,675	9,884
Hotels, restaurants	24,687	4,291	1,817	3,755	2,027	4,602	8,196
Transport, communication	11,095	1,319	1,126	4,371	840	1,519	1,920
Financial intermediation	2,526	341	359	857	174	214	581
Business activities	23,605	3,561	2,622	6,208	3,902	2,283	5,028
Public sector	9,037	1,521	1,076	2,411	984	1,525	1,519
Education	17,042	2,586	2,331	3,935	1,917	1,901	4,371
Health and social work	26,399	3,389	4,625	7,574	3,903	2,137	4,770
Other services	10,403	1,702	1,119	2,775	916	985	2,905
Total	217,433	35,035	27,312	53,409	29,276	24,457	47,946

Source: ONS Annual Business Inquiry 2006

**Figure 1: Proportion of Employees by Sector 2006, Cumbria v GB**



Source: ONS Annual Business Inquiry 2006

**Table 2: Proportion of Employees by Sector 2006, Cumbria and Districts**

	Great Britain	North West	Cumbria	Allerdale	Barrow	Carlisle	Copeland	Eden	South Lakeland
Agriculture	0.8	0.5	1.4	1.7	0.1	0.9	1.4	3.7	1.5
Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Mining, quarrying	0.2	0.1	0.3	0.3	0.3	0.0	0.2	0.5	0.6
Manufacturing	10.9	12.5	16.5	18.1	22.5	11.8	32.9	9.8	10.6
Gas, water, electricity	0.4	0.3	0.4	0.6	0.8	0.3	0.0	0.3	0.5
Construction	4.8	5.0	5.8	7.4	3.9	5.8	4.7	8.6	5.2
Wholesale, retail	16.7	17.0	18.1	18.6	17.2	21.5	10.7	15.0	20.6
Hotels, restaurants	6.8	7.0	11.4	12.2	6.7	7.0	6.9	18.8	17.1
Transport, communication	5.9	6.0	5.1	3.8	4.1	8.2	2.9	6.2	4.0
Financial intermediation	3.9	3.4	1.2	1.0	1.3	1.6	0.6	0.9	1.2
Business activities	17.3	15.8	10.9	10.2	9.6	11.6	13.3	9.3	10.5
Public sector	5.5	5.6	4.2	4.3	3.9	4.5	3.4	6.2	3.2
Education	9.2	9.4	7.8	7.4	8.5	7.4	6.5	7.8	9.1
Health and social work	12.2	12.7	12.1	9.7	16.9	14.2	13.3	8.7	9.9
Other services	5.3	4.7	4.8	4.9	4.1	5.2	3.1	4.0	6.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

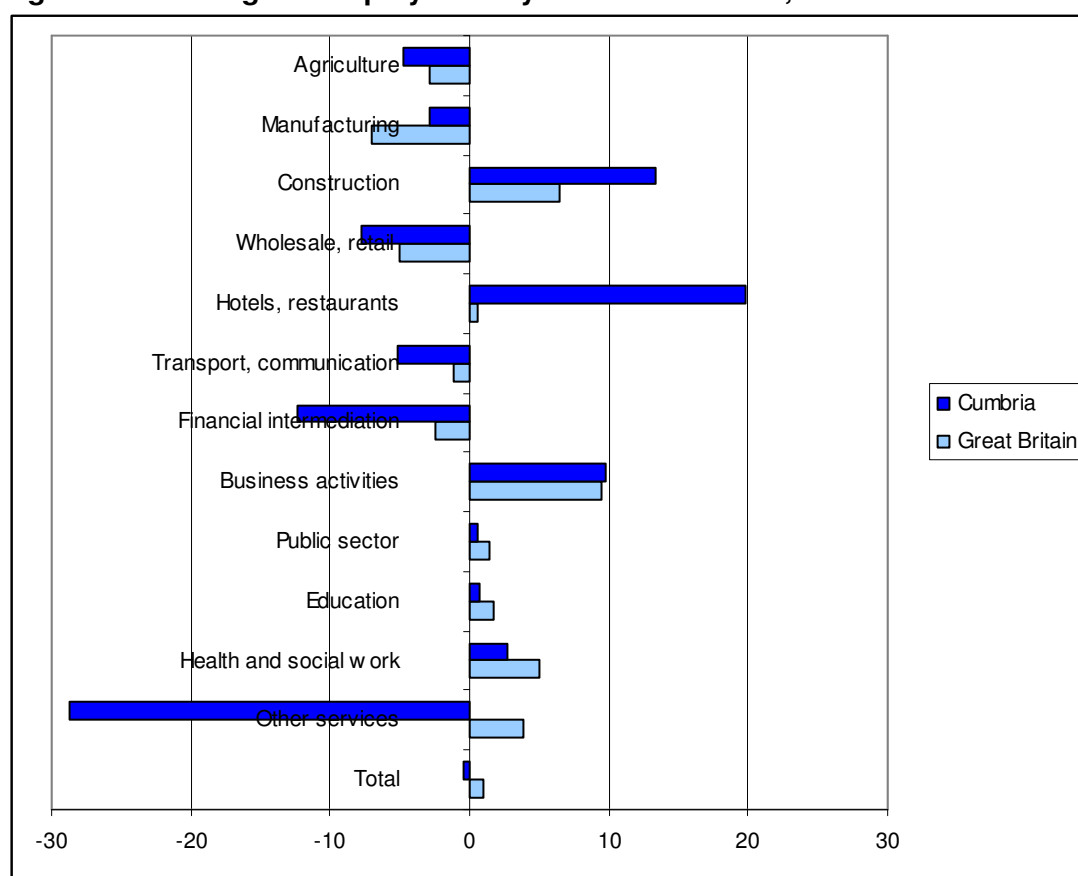
Source: ONS Annual Business Inquiry 2006

**Table 3: Change in Employment 2004-2006, Cumbria and Districts**

	Cumbria	Allerdale	Barrow	Carlisle	Copeland	Eden	South Lakeland
Agriculture	-156	-5	0	-42	-2	12	-119
Fishing	-46	-15	-27	0	-5	1	1
Mining, quarrying	-85	19	-14	-1	-21	-37	-31
Manufacturing	-1050	-267	1021	-1194	-286	-111	-211
Gas, water, electricity	278	112	38	58	-21	-14	103
Construction	1499	260	149	592	16	379	101
Wholesale, retail	-3331	-253	-828	-985	-380	-88	-797
Hotels, restaurants	4077	964	216	445	563	517	1373
Transport, communication	-602	25	-34	-552	4	51	-96
Financial intermediation	-358	-68	-9	-201	-18	-20	-40
Business activities	2113	328	702	242	366	145	329
Public sector	50	175	-89	-252	-130	273	72
Education	124	-647	-166	766	-17	163	23
Health and social work	684	40	-110	769	330	164	-509
Other services	-4194	-710	-393	-745	-548	-535	-1265
Total	-997	-42	456	-1098	-146	900	-1065

Source: ONS Annual Business Inquiry 2006

**Figure 2: % Change in Employment by Sector 2004-2006, Cumbria v GB**



Source: ONS Annual Business Inquiry 2006

**Table 4: Percentage Change in Employment 2004-2006, Cumbria and Districts**

	Great Britain	North West	Cumbria	Allerdale	Barrow	Carlisle	Copeland	Eden	South Lakeland
Agriculture	-2.9	-2.2	-4.7	-0.8	0.0	-7.9	-0.5	1.3	-14.6
Manufacturing	-7.0	-9.2	-2.8	-4.1	19.9	-16.0	-2.9	-4.4	-4.0
Construction	6.5	-1.1	13.4	11.2	16.4	23.8	1.2	22.1	4.2
Wholesale, retail	-5.1	-7.7	-7.8	-3.7	-15.0	-7.9	-10.8	-2.3	-7.5
Hotels, restaurants	0.5	2.9	19.8	29.0	13.5	13.4	38.5	12.7	20.1
Transport, communication	-1.1	-1.0	-5.1	1.9	-2.9	-11.2	0.5	3.5	-4.8
Financial intermediation	-2.4	1.6	-12.4	-16.6	-2.4	-19.0	-9.4	-8.5	-6.4
Business activities	9.5	11.3	9.8	10.1	36.6	4.1	10.4	6.8	7.0
Public sector	1.4	-0.3	0.6	13.0	-7.6	-9.5	-11.7	21.8	5.0
Education	1.8	-1.1	0.7	-20.0	-6.6	24.2	-0.9	9.4	0.5
Health and social work	5.0	2.6	2.7	1.2	-2.3	11.3	9.2	8.3	-9.6
Other services	3.8	-2.3	-28.7	-29.4	-26.0	-21.2	-37.4	-35.2	-30.3
Total	1.0	-0.8	-0.5	-0.1	1.7	-2.0	-0.5	3.8	-2.2

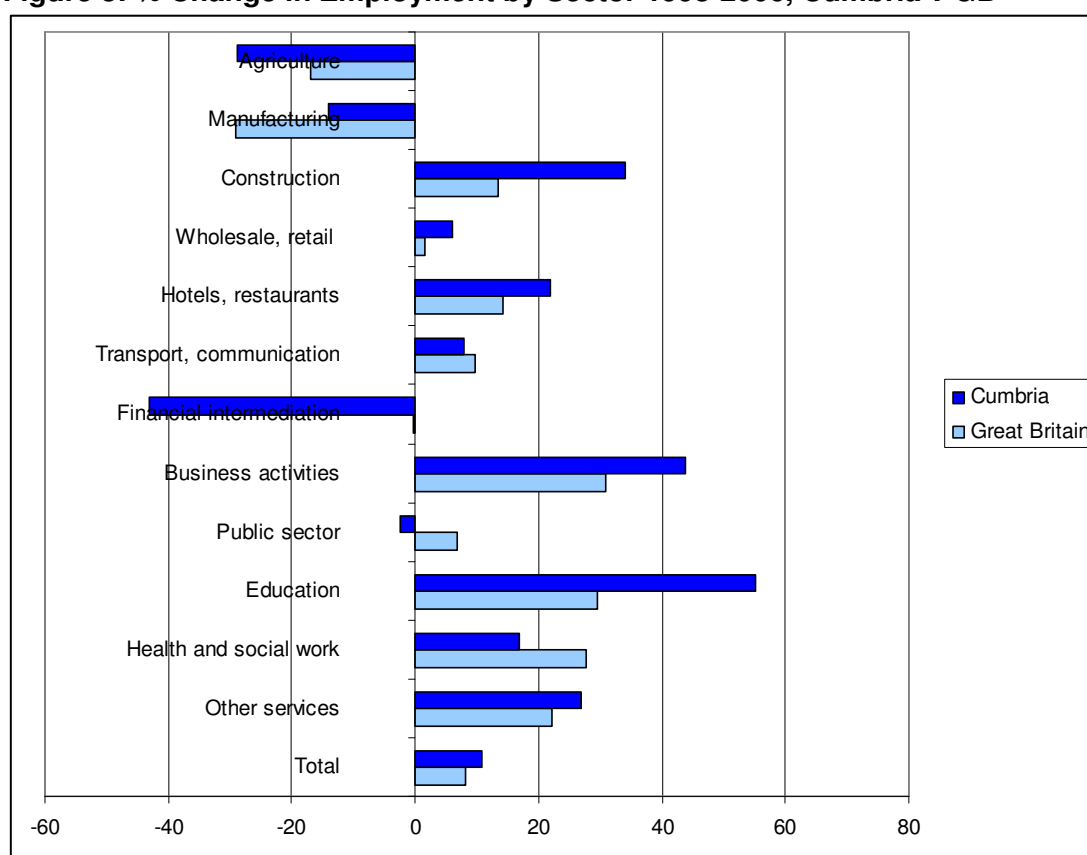
Source: ONS Annual Business Inquiry 2006

**Table 5: Change in Employment 1998-2006, Cumbria and Districts**

	Cumbria	Allerdale	Barrow	Carlisle	Copeland	Eden	South Lakeland
Agriculture	-1,265	-248	-12	-223	-57	-375	-350
Fishing	-15	-6	-6	1	-10	2	5
Mining, quarrying	72	-40	25	-23	20	-120	208
Manufacturing	-5,816	-1,622	-693	-2,812	506	42	-1,234
Gas, water, electricity	155	115	138	70	-216	-3	50
Construction	3,225	651	408	1,231	-337	587	685
Wholesale, retail	2,263	223	374	1,055	-17	-634	1,262
Hotels, restaurants	4,449	277	224	420	116	1,980	1,434
Transport, communication	823	-3	-40	691	-44	-102	321
Financial intermediation	-1,909	-124	-154	-495	-137	-105	-894
Business activities	7,185	876	1,177	1,474	1,614	860	1,184
Public sector	-216	124	35	-941	5	381	178
Education	6,067	721	586	1,736	575	1,057	1,391
Health and social work	3,796	374	1,788	1,904	-2,187	502	1,414
Other services	2,203	306	-102	727	94	99	1,079
Total	21,017	1,622	3,748	4,818	-74	4,172	6,733

Source: ONS Annual Business Inquiry 2006

**Figure 3: % Change in Employment by Sector 1998-2006, Cumbria v GB**



Source: ONS Annual Business Inquiry 2006

**Table 6: % Change in Employment 1998-2006, Cumbria and Districts**

	Great Britain	North West	Cumbria	Allerdale	Barrow	Carlisle	Copeland	Eden	South Lakeland
Agriculture	-17.0	-24.2	-28.8	-29.3	-24.5	-31.3	-12.4	-29.3	-33.4
Manufacturing	-29.1	-28.8	-14.0	-20.4	-10.1	-30.9	5.5	1.8	-19.6
Construction	13.5	18.7	34.1	33.6	63.0	66.6	-19.8	39.0	37.9
Wholesale, retail	1.4	-0.6	6.1	3.5	8.7	10.1	-0.5	-14.7	14.6
Hotels, restaurants	14.2	12.0	22.0	6.9	14.1	12.6	6.1	75.5	21.2
Transport, communication	9.7	14.3	8.0	-0.2	-3.4	18.8	-5.0	-6.3	20.1
Financial intermediation	-0.3	12.0	-43.0	-26.7	-30.0	-36.6	-44.1	-32.9	-60.6
Business activities	30.9	38.9	43.8	32.6	81.5	31.1	70.5	60.4	30.8
Public sector	6.9	7.1	-2.3	8.9	3.4	-28.1	0.5	33.3	13.3
Education	29.5	26.4	55.3	38.7	33.6	78.9	42.8	125.2	46.7
Health and social work	27.8	26.3	16.8	12.4	63.0	33.6	-35.9	30.7	42.1
Other services	22.2	21.5	26.9	21.9	-8.4	35.5	11.4	11.2	59.1
Total	8.1	8.0	10.7	4.9	15.9	9.9	-0.3	20.6	16.3

Source: ONS Annual Business Inquiry 2006