



Measuring Northern Ireland's High Growth Firms: 1998 - 2014

**High Growth firms: Update Bulletin 2
November 2014¹**

Stimulating
**innovation,
enterprise and
competitiveness**

¹ Addendum: A transposition error was spotted with Table 16 in the appendices of this report. This has now been corrected and updated on 14/05/2015.

SUMMARY

Recently published research applied the Organisation for Economic Cooperation and Development (OECD) measure of High Growth, defined as any business experiencing an annualised 20% growth in either employment or turnover over a 3-year period compared to a baseline year, to businesses in the Northern Ireland economy between 1998 and 2013².

In brief, that research established that High Growth businesses in NI over the period were relatively evenly spread throughout the economy and represented a very important, though over time, a declining contributor of employment and turnover to the NI economy.

The previous research covered the period 1998-01 to 2010-13. The current bulletin updates the existing data to include 2014 extending the entire period covered from 1998-01 to 2011-2014.

KEY POINTS:

- The total number of in scope businesses employing 10 or more people in the baseline year for each period fell from a peak of 7,635 in 2009-12 to 7,055 in 2010-13 and again in the most recent 2011-14 period to 6,840. In contrast, the number of businesses with less than 10 in employment rose in the most recent period from 46,830 in 2010-13 to 47,335 in 2011-14 with a peak of 49,800 in 2007
- The latest data for 2011-14 indicates emerging signs of a strengthening employment contribution by High Growth businesses, particularly small (<10 staff) businesses. For the first time since 1998 there have been two consecutive periods experiencing continued increase in net employment growth between 2009-12 and 2011-14. Turnover growth however, and in contrast to employment growth, appears to be increasingly accounted for by non-High Growth businesses.
- The number of High Growth businesses in the latest period 2011-14 (745) was less than half that (53% lower) of the peak number of High Growth Businesses seen in 2004-07 (1,580)
- The High Growth rate for businesses employing 10 or more was 22.8% at its peak in 2004-07 and 10.9% in 2011-14
- High Growth rates for micro businesses employing less than 10 peaked at 32.3% in 2004-07 but rose again in the two most recent periods from 19.7% in 2009-12 to 24.7% in 2011-14
- The current prices turnover contribution of non-High Growth businesses has risen strongly over time from £38.0bn in 2007 to £54.3bn in 2014. In 2014, the share of all in scope turnover accounted for by non-High Growth businesses was 75.1% compared to a 54.0% share in 2007. On that basis, the overall increase in business turnover over time has been increasingly from those businesses not experiencing High Growth
- The gradual increase in importance over time of the contribution of non-High Growth businesses to employment growth is reflected by the contribution of non-High Growth businesses to net employment growth increasing from 26.3% (or an additional 27.0k in employment) in 2004-07 to 38.6% (an additional 30.1k in employment) in 2011-14

² For further information including methodology, see "Measuring Northern Ireland's High Growth Firms: 1998-2013" (June 2014): <http://www.detini.gov.uk/index/what-we-do/deti-stats-index/economic-research/measuring-nis-high-growth-firms.htm>

BACKGROUND

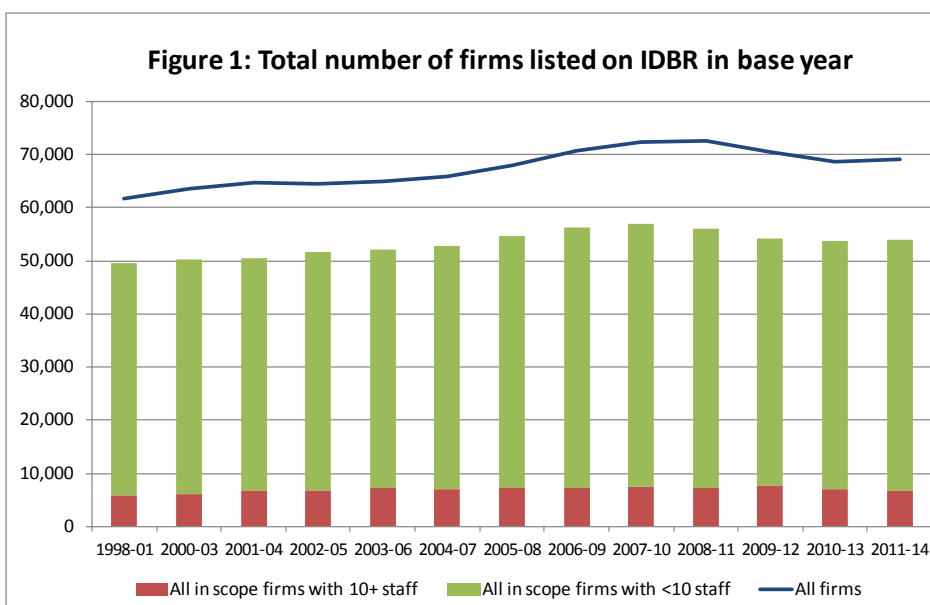
Recently published research into Northern Ireland's High Growth Businesses between 1998 and 2013 applied the Organisation for Economic Cooperation and Development (OECD) measure of High Growth representing any business employing 10 or more which experienced an annualised 20% growth in either employment or turnover over a 3-year period compared to a baseline year.

Utilising the Inter Departmental Business Register (IDBR) a database was constructed covering the years 1998 to 2013 from which it was possible to identify, within a given period, the number of High Growth businesses employing 10 or more. This analysis was also extended to businesses employing less than 10. On that basis, 12 distinct observation time periods were constructed ranging from 1998-01 to 2010-13 (excluding 1999-02 as data was unavailable for 1999). This bulletin updates the previously published report using 2014 data to provide growth figures on businesses for the most recent cohort period between 2011 and 2014.

ANALYTICS

Over the 16 year period between 1998 and 2014 the total number of businesses within the IDBR, excluding government departmental bodies and agencies, broadly rose from 61,725 in 1998, peaking at 72,450 in 2008, falling to 68,745 in 2010 and rising to 69,210 in 2011. (Table 1, Appendix A).

Within each time period, and to create a consistent cohort of businesses within which to identify High Growth, it was necessary to identify only those businesses for which data existed in the base year and the following 3 years. These businesses are referred to here as 'in scope' (Figure 1). The number of in scope businesses, which effectively represents the base population for this study, has broadly risen over time from 49,620 in 1998, peaking at 57,235 in 2007 and dropping to 53,885 in 2010 and rising to 54,175 in 2011.

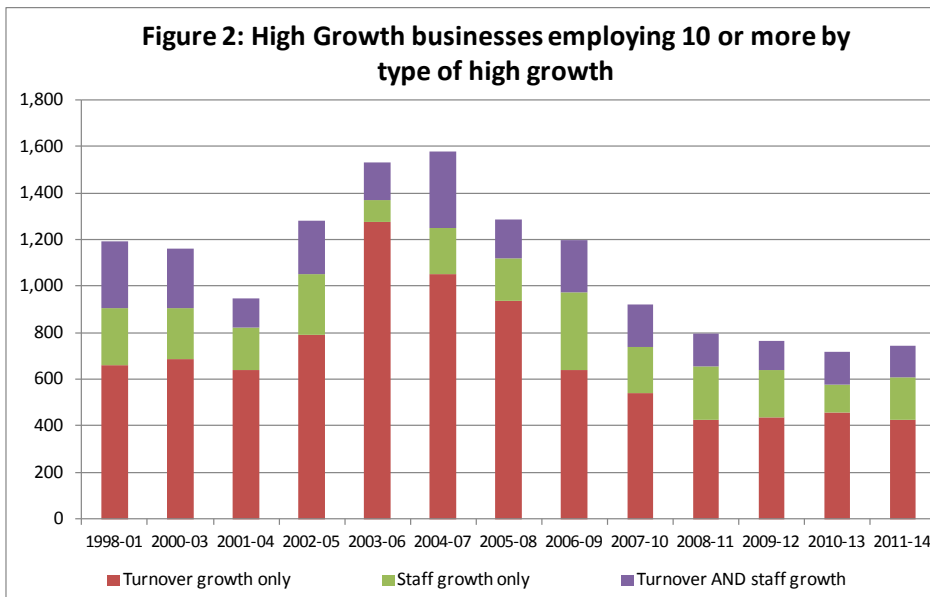


The formal OECD definition of a High Growth Firm includes only those businesses with 10 or more people in employment. The number of in scope businesses in each period with 10 or more staff fell from a peak of 7,635 in 2009 to 6,840 in 2011. Reflecting the reliance of the NI economy on small businesses there are many more micro businesses employing less than 10 people. The number of in scope businesses with less than 10 in employment rose from 43,845 in 1998 to 47,335

in 2011 with a peak of 49,800 businesses in 2007.

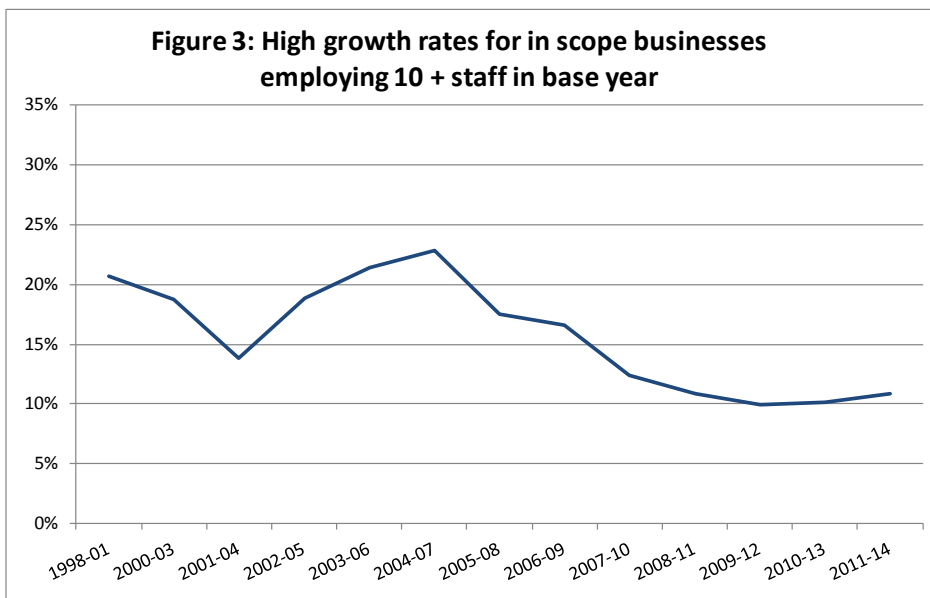
Using the OECD definition, High Growth businesses were identified amongst those businesses employing 10 or more and who experienced 20% annualised growth over a 3-year period in employment or turnover compared to a baseline year (Figure 2).

During the peak period of 2004-07, there were 1,580 High Growth businesses, which have subsequently fallen over time to 720 High Growth businesses in 2010-13 rising slightly to 745 High Growth businesses in the most recent 2011-14 period.



The number of High Growth businesses in 2011-14 is less than half the peak number of High Growth businesses seen in 2004-07. Over time, the incidence of High Growth businesses within each period broadly reflected the economic cycle over the entire period. Whilst the OECD definition of High Growth refers to growth in business employment or business turnover, in practice this overall measure of High Growth comprises three distinct groups of High Growth

businesses: businesses experiencing High Growth in turnover only; businesses experiencing High Growth in employment only; and businesses experiencing High Growth in turnover and employment. For each period, High Growth in turnover only accounted consistently for the majority of High Growth businesses in each period compared to the contribution of High Growth in employment and the relatively small number of business who managed High Growth in both turnover and employment. For example, High Growth in turnover growth only accounted for 55% of all High Growth businesses in 1998-01, 83% in 2003-06, and 57% in 2011-14 (Table 2, Appendix A).

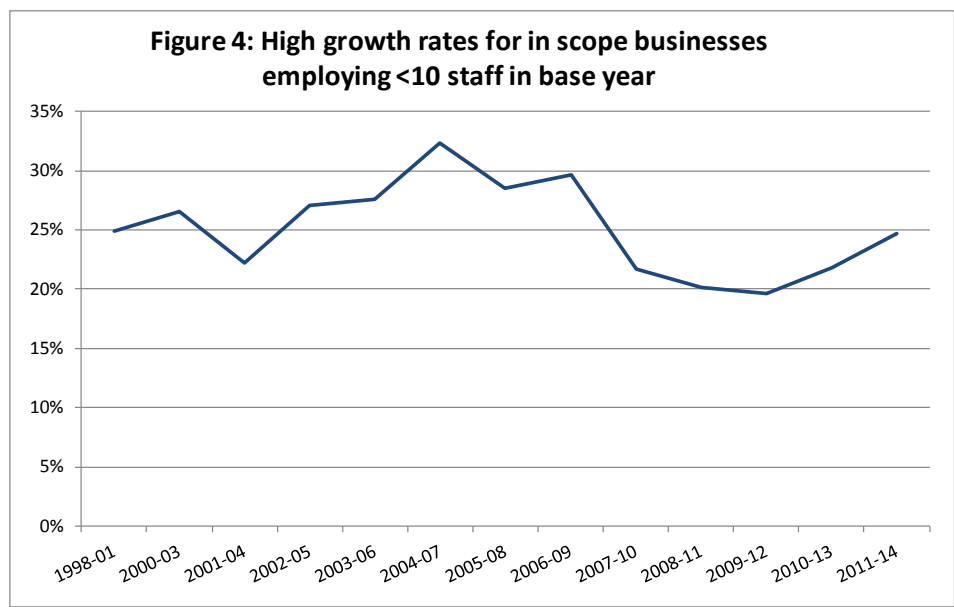


Dividing the number of High Growth businesses in each period by the number of in scope businesses employing 10 or more people provides the High Growth rate for that period (Tables 1, 2 and 6, Appendix A).

The trend over time in High Growth rates mirrored closely the trend seen for the number of High Growth businesses. The High Growth rate was 20.7% in the 1998-01 period, peaking at 22.8% in 2004-07, with subsequent falls over time to 10.2% in 2010-13 rising slightly to 10.9% in 2011-14 (Figure 3).

The close relationship between business High Growth rates and the economic cycle over the period is further underlined by the finding that the peak High Growth rate of 22.8% in the 2004-07 period was almost 12 percentage points higher than the High Growth rate seen for 2011-14 (10.9%).

The formal OECD definition of High Growth excludes micro businesses which employ less than 10 in the baseline year. Nevertheless, High Growth can also be a feature of these businesses which predominate in the NI economy.



To explore the extent of High Growth within micro businesses employing less than 10, the OECD High Growth definition was applied to these businesses over the same period and on the same basis as that for the larger businesses employing 10 or more (Figure 4 and Table 3, Appendix A).

The number of businesses with less than 10 in employment who were found to have experienced High Growth

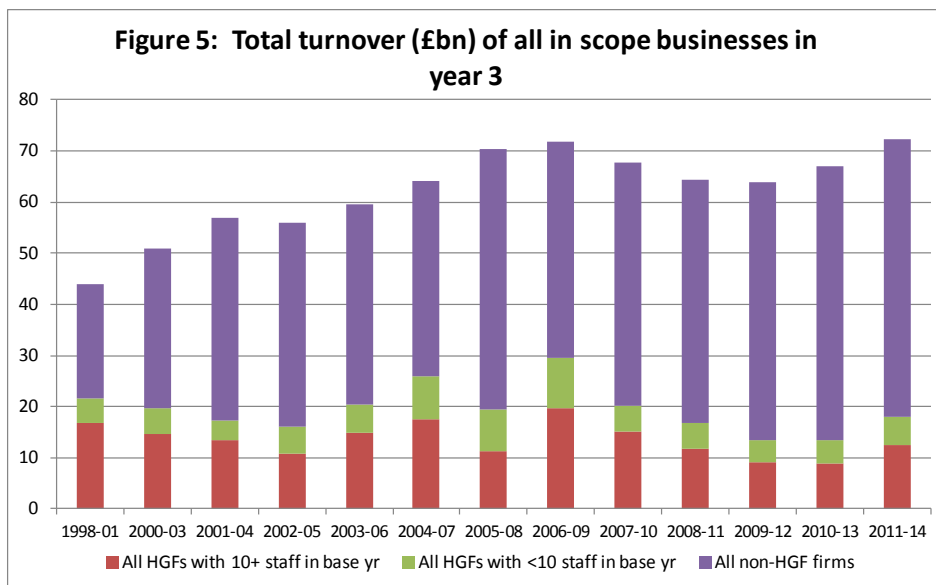
ranged from 10,910 in the 1998-01 period, peaking at 14,780 in 2004-07, falling to 10,150 in 2010-13 before rising to 11,630 in the most recent 2011-14 period.

As with High Growth amongst businesses employing 10 or more, High Growth amongst micro businesses employing less than 10 and over time was accounted for in large part by High Growth in turnover only. For example, for micro businesses employing less than 10, High Growth in turnover only accounted for 43% of all High Growth amongst micro businesses in 1998-11, 65% in 2003-06, and 50% in 2011-14 (Table 3, Appendix A).

Despite this overall similarity, turnover as a proportion of High Growth amongst micro businesses was less pronounced compared to businesses employing 10 or more. High Growth in employment accounted for a larger share of all High Growth amongst micro businesses employing less than 10 compared to the share of High Growth accounted for by employment amongst businesses employing 10 or more.

High Growth rates for micro businesses, calculated on the same basis as that for businesses employing 10 or more, were 24.9% in the 1998-01 period compared to a high of 32.3% in 2004-07 and a low of 19.7% in 2009-12 (Table 6, Appendix A). However, more recently, the trend among High Growth micro businesses has reflected a steady rise in their High Growth rate from 19.7% in 2009-12 to 24.7% in 2011-14 (Figure 4). In comparing the High Growth rates of larger businesses to the rates for micro businesses, it is apparent that micro businesses employing less than 10 people as a group and over time, experienced higher and more sustained levels of High Growth rates and have recently experienced a relatively stronger up-turn in High Growth.

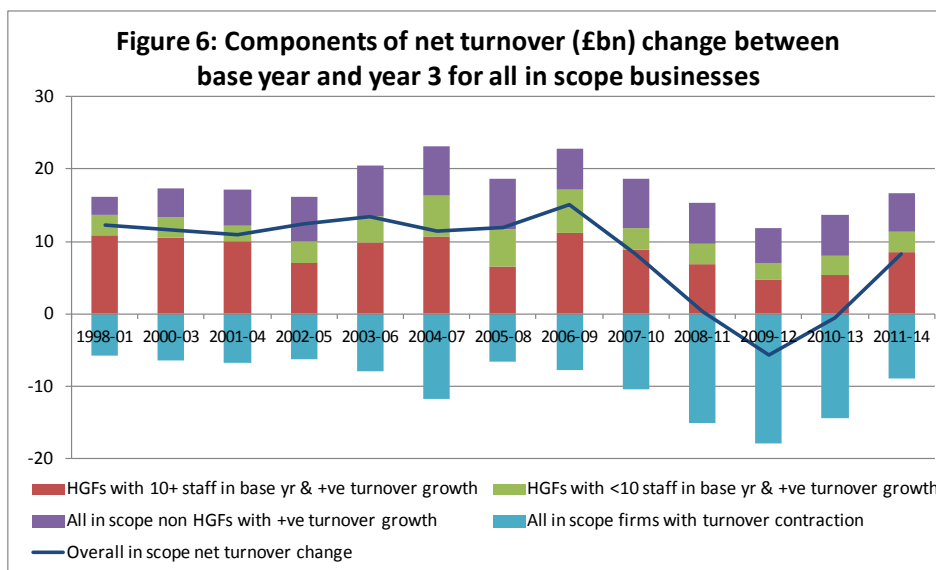
Figure 5 illustrates the composition of turnover for all in scope businesses detailing the contributions of: all High Growth businesses employing 10 or more; High Growth micro businesses employing less than 10; and non-High Growth businesses.



The contribution of High Growth businesses employing 10 or more to total turnover peaked at £19.7bn in 2009 and fell to a low of £8.8bn in 2013 before rising to £12.4bn in 2014. The contribution of non-High Growth businesses to total turnover rose over the most recent periods from £50.4bn in 2012 to £53.7bn in 2013 and £54.3bn in 2014 (Table 18, Appendix A).

On that basis, the increase in the value of total turnover seen over the entire period 2001 – 2014, has been provided largely by those businesses which have not experienced High Growth. In 2014, the share of total turnover accounted for by non-High Growth businesses was 75.1%.

On that basis, the increase in the value of total turnover



Businesses within the economy experience both growth and contraction in the value of their turnover over time. The net change represents the difference between growth and contraction in turnover. With the exception of 2009-12 and 2010-13, the net effects for turnover were positive. Comparing the components of net turnover change between

base year and year 3 (Figure 6) reveals that High Growth firms, especially those employing 10 or more, contribute disproportionately to positive net turnover change. Figure 6 also reflects the impact of the economic recession over time with net turnover change falling rapidly after the 2006-09 period, dipping to £-5.7bn overall net turnover contraction in the 2009-12 period. Although overall net turnover remained negative in the 2010-13 period (£-0.6bn), the most recent 2011-14 period shows overall net turnover growth of £8.3bn (Table 19, Appendix A).

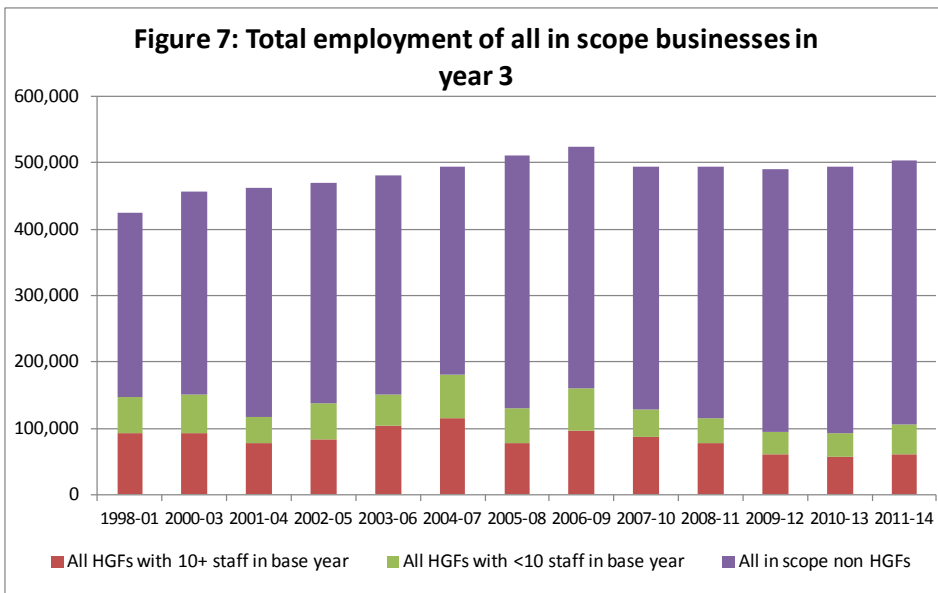
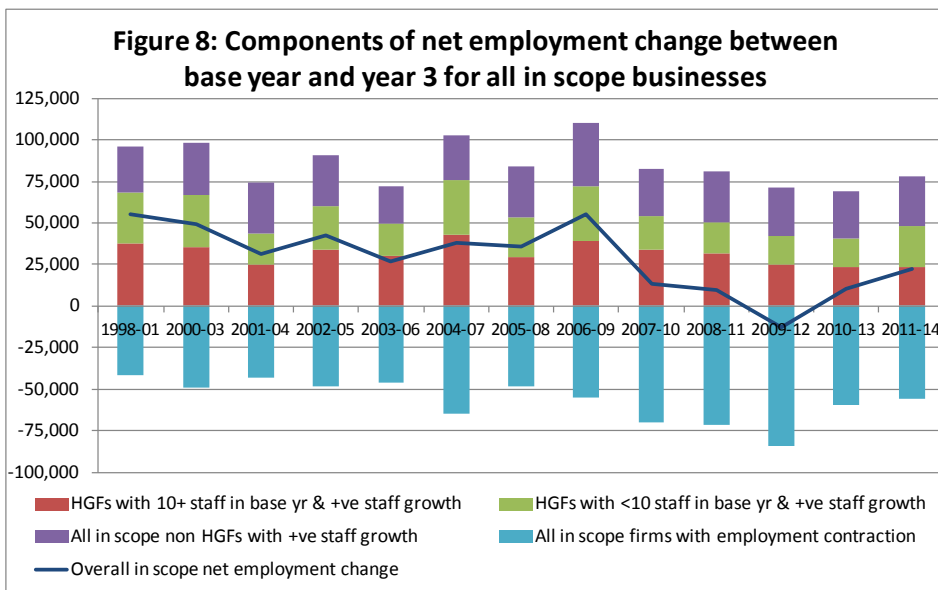


Figure 7 shows that over time and for year 3 in each period, most people employed by in scope firms were employed within non-High Growth businesses which employed some 79.0% in 2014 (Table 21, Appendix A). While there has been a corresponding fall over the same period in the proportion of people employed within High Growth firms, the fall has been greatest amongst High Growth businesses employing 10 or more staff in base year.

Within each time period, net employment change between the baseline year and the third year of each period will combine the effects of both employment growth and employment contraction. Figure 8



unpacks the various components of employment change within each time period (Table 22 Appendix A). For example, in the 2004-07 period, employment within in scope businesses contracted by 65.0k. This contraction was offset by total employment growth of 102.5k. The net effect of employment contraction and growth in this period was positive growth in overall employment for 2004-07 of 37.7k. For each of the time periods, the overall effect

of employment contraction and growth resulted in net positive employment change except in the case of the 2009-12 period, which saw net employment contraction of 13.0k.

Although High Growth business contribution to employment growth has gradually decreased over time while the employment contribution from non-High Growth businesses has increased, the latest data for 2011-14 indicates emerging signs of a strengthening employment contribution by High Growth businesses, particularly small (<10 staff) businesses. The latest data for 2011-14 also reveals that for the first time since 1998 there have been two consecutive periods experiencing continued increase in net employment growth between 2009-12 and 2011-14. Turnover growth however, and in contrast to employment growth, appears to be increasingly accounted for by non-High Growth businesses.

In the round, and given the historic context, the more recent data in this report for the contribution of High Growth businesses to employment and turnover, together with the contribution of non-High Growth Businesses appears to support other sources which indicate some improvement in the local economy.

APPENDIX A Tables of Results

Notes:

1. Totals may not sum due to the number of firms being rounded to the nearest five, while turnover has been rounded to the nearest £0.1 billion and employment to the nearest hundred staff.
2. The terms High Growth Firms (HGFs) and High Growth businesses are used interchangeably throughout.

Table 1: Northern Ireland business population and in scope businesses by employment size in base year

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
All businesses in base year of IDBR	61725	63585	64815	64530	64950	65750	68020	70655	72385	72450	70495	68745	69210
All businesses (<10 staff in base year)	54570	56240	56590	56570	56540	57530	59235	61950	63510	63595	61275	60550	61215
All businesses (10+ staff in base year)	6915	7180	7805	7725	8140	8020	8385	8300	8590	8560	8930	7985	7760
All in scope businesses	49620	50380	50800	51695	52275	52850	55035	56490	57235	56335	54520	53885	54175
All in scope businesses employing 10 or more	5775	6185	6855	6790	7140	6920	7310	7220	7440	7320	7635	7055	6840
All in scope businesses employing less than 10	43845	44195	43945	44905	45135	45930	47725	49270	49800	49010	46885	46830	47335

	2012-15	2013-16	2014-17
All businesses in base year of IDBR	67730	67635	67840
All businesses (<10 staff in base year)	59935	59930	59965
All businesses (10+ staff in base year)	7795	7700	7875

Table 2: High Growth businesses employing 10 or more in base year by type of high growth

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
All HGFs	1195	1160	950	1280	1530	1580	1285	1200	920	795	760	720	745
Turnover growth only	660	685	640	795	1275	1055	935	640	540	425	435	455	425
Staff growth only	245	220	180	255	90	200	185	330	200	225	200	120	185
Turnover AND staff growth	290	255	130	235	165	330	165	225	180	145	125	140	135

Table 3: High Growth businesses employing less than 10 in base year by type of high growth

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
All HGFs	10910	11730	9680	12120	12415	14780	13535	14500	10775	9850	9170	10150	11630
Turnover growth only	4710	4965	4965	6650	8070	7450	7420	6965	5915	5465	5085	5490	5775
Staff growth only	3385	3515	2845	3085	2050	3400	3715	4615	3150	3130	2740	3145	3890
Turnover AND staff growth	2815	3250	1870	2380	2295	3925	2400	2925	1710	1255	1345	1515	1970

Table 4: All in scope businesses by employment size in base year

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Micro firms (<10 staff in base year)	43845	44195	43945	44905	45135	45930	47725	49270	49800	49010	46885	46830	47335
Small firms (10-49 staff in base year)	4895	5205	5775	5695	5990	5800	6125	6065	6240	6120	6395	5855	5625
Medium firms (50-249 staff in base year)	750	830	935	945	975	945	1015	990	1040	1045	1055	1005	1020
Large firms (250+ staff in base year)	130	155	150	150	170	170	175	165	155	160	185	195	200
All in scope firms	49620	50380	50800	51695	52275	52850	55035	56490	57235	56335	54520	53885	54175

Table 5: All High Growth businesses by employment size in base year

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Micro firms (<10 staff in base year)	10910	11730	9680	12120	12415	14780	13535	14500	10775	9850	9170	10150	11630
Small firms (10-49 staff in base year)	985	945	770	1085	1270	1300	1055	995	750	635	620	580	600
Medium firms (50-249 staff in base year)	175	185	155	175	220	235	200	175	150	140	115	115	115
Large firms (250+ staff in base year)	30	30	25	25	40	45	30	25	20	20	25	25	25
All HGFs	12100	12890	10630	13400	13945	16360	14820	15700	11695	10645	9930	10870	12375

Table 6: All high Growth businesses as a percentage of all in scope firms by employment size in base year

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Micro firms (<10 staff in base year)	24.9	26.6	22.2	27.1	27.6	32.3	28.5	29.6	21.7	20.2	19.7	21.8	24.7
Small firms (10-49 staff in base year)	20.2	18.2	13.3	19.0	21.2	22.4	17.2	16.4	12.0	10.4	9.7	9.9	10.7
Medium firms (50-249 staff in base year)	23.5	22.3	16.6	18.3	22.3	24.7	19.7	17.7	14.5	13.5	11.0	11.3	11.4
Large firms (250+ staff in base year)	23.8	19.5	15.3	16.0	23.8	25.1	16.1	16.5	12.8	11.9	13.4	13.0	12.6
All HGFs with 10+ in base year	20.7	18.8	13.8	18.9	21.4	22.8	17.6	16.6	12.4	10.9	10.0	10.2	10.9
All HGFs	24.4	25.6	20.9	25.9	26.7	31.0	26.9	27.8	20.4	18.9	18.2	20.2	22.8

Table 7: All in scope businesses employing 10 or more in base year by industrial sector

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Agriculture, Forestry and Fishing	105	105	75	90	80	65	70	85	160	150	175	210	160
Manufacturing	1045	1035	1105	1045	1060	1015	1040	995	995	910	965	880	835
Construction	645	760	865	865	875	860	870	860	900	880	870	615	585
Wholesale and retail	1610	1730	1905	1890	1820	1750	1820	1780	1815	1830	1850	1780	1750
Transportation and storage	180	205	225	225	250	250	250	245	240	235	260	235	225
Accommodation and food service	565	605	770	750	800	780	875	895	890	895	895	840	810
Professional, scientific and technical	410	445	525	530	500	500	525	525	525	545	595	515	515
Administrative and support service	140	170	170	165	235	230	245	240	220	245	265	250	265
Human health and social	440	465	530	530	695	660	750	750	775	760	815	870	855
All other activities	625	665	690	700	820	815	860	840	925	870	945	860	840
Total	5775	6185	6855	6790	7140	6920	7310	7220	7440	7320	7635	7055	6840

Table 8: High Growth businesses employing 10 or more in base year by industrial sector

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Agriculture, Forestry and Fishing	10	10	10	10	15	10	15	20	20	20	30	35	25
Manufacturing	210	185	120	180	205	255	185	160	95	60	80	115	100
Construction	175	170	125	175	220	275	195	190	110	90	75	85	105
Wholesale and retail	270	290	230	305	315	330	255	245	220	195	145	140	145
Transportation and storage	55	45	30	45	60	70	50	50	30	35	40	40	30
Accommodation and food service	130	115	90	100	120	135	110	125	110	80	70	50	80
Professional, scientific and technical	80	90	60	95	105	115	95	80	60	40	35	25	30
Administrative and support service	45	40	25	35	75	75	65	60	40	45	55	55	60
Human health and social	75	80	130	175	215	100	140	105	100	105	85	55	65
All other activities	140	130	125	165	205	215	175	165	140	120	150	120	110
Total	1195	1160	950	1280	1530	1580	1285	1200	920	795	760	720	745

Table 9: All in scope businesses employing 10 or more in base year by legal status

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Company	2740	3010	3250	3310	3580	3620	3905	3920	4110	4125	4330	3935	3975
Sole Proprietor	1055	1100	1305	1245	1290	1165	1215	1155	1210	1150	1150	1020	915
Partnership	1570	1680	1885	1815	1820	1700	1715	1675	1655	1595	1680	1485	1365
Non-profit body or mutual association	405	395	420	415	450	430	475	470	465	455	475	610	590

Table 10: All in scope businesses employing less than 10 in base year by legal status

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Company	4890	5465	5685	6130	6780	7760	8630	9745	10390	10055	9745	9945	10540
Sole Proprietor	27935	27550	27225	27540	27225	26960	27595	27745	27405	26955	25475	24785	24705
Partnership	9325	9265	9065	9230	9155	9205	9380	9655	9825	9850	9570	9530	9510
Non-profit body or mutual association	1700	1915	1970	2005	1975	2005	2115	2125	2175	2155	2100	2570	2575

Table 11: High Growth businesses employing 10 or more in base year by legal status

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Company	655	665	500	685	855	955	775	770	590	530	530	505	535
Sole Proprietor	195	160	185	245	290	245	200	155	115	90	85	85	75
Partnership	285	275	185	255	310	310	245	195	160	110	90	80	80
Non-profit body or mutual association	60	55	75	100	75	70	65	75	55	60	55	55	55

Table 12: High Growth businesses employing less than 10 in base year by legal status

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Company	1755	1910	1610	2125	2305	3080	2900	3490	2795	2470	2105	2415	3225
Sole Proprietor	6770	7330	6095	7450	7685	8805	8095	8215	6010	5545	5205	5755	6190
Partnership	1875	1930	1470	1880	1930	2430	2215	2390	1630	1425	1455	1570	1715
Non-profit body or mutual association	510	560	505	665	495	465	320	400	340	415	400	405	500

Table 13: All in scope businesses employing 10 or more in base year by geographic location

	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Belfast	1450	1460	1440	1495	1410	1380
Outer Belfast	1245	1280	1240	1270	1170	1150
East of NI	1480	1550	1525	1600	1480	1425
North of NI	1005	1015	985	1015	900	875
West & South of NI	1610	1720	1670	1785	1625	1553
Outside NI / Unknown	425	415	465	475	465	455

Table 14: All in scope businesses employing less than 10 in base year by geographic location

	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Belfast	5015	5055	4875	4665	4805	4905
Outer Belfast	6520	6630	6450	6075	6140	6230
East of NI	11860	12000	11775	11235	11130	11170
North of NI	7690	7745	7625	7200	7190	7260
West & South of NI	17350	17525	17440	16855	16720	17010
Outside NI / Unknown	835	840	850	855	845	760

Table 15: High Growth businesses employing 10 or more in base year by geographic location

	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Belfast	245	205	175	140	135	165
Outer Belfast	190	130	120	110	105	105
East of NI	210	160	140	130	100	120
North of NI	135	115	95	90	80	75
West & South of NI	310	215	165	200	205	215
Outside NI / Unknown	110	95	95	85	90	60

Table 16: High Growth businesses employing less than 10 in base year by geographic location

	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
Belfast	1420	1110	945	860	955	1100
Outer Belfast	1740	1275	1175	1055	1220	1430
East of NI	3325	2395	2210	2030	2230	2640
North of NI	2305	1705	1535	1455	1660	1820
West & South of NI	5450	4090	3800	3580	3890	4455
Outside NI / Unknown	265	200	185	185	195	185

Table 17: Total turnover (£billion) in year 1 of period for all businesses in Northern Ireland

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
All firms	37.7	45.1	51.6	56.8	55.7	61.9	64.2	66.8	71.0	77.2	78.8	75.0	70.6
All in scope firms	31.7	39.2	45.9	43.5	46.2	52.6	58.3	56.7	59.4	64.0	69.5	67.7	64.0
In scope firms with 10+ staff in base year	23.5	31.1	36.9	34.6	37.6	43.2	46.9	44.1	46.5	50.4	56.7	55.1	50.9
In scope firms with < 10 staff in base year	8.1	8.2	9.0	8.9	8.6	9.4	11.5	12.7	12.8	13.6	12.8	12.6	13.1
In scope firms with 10+ staff in base year & turnover growth	13.8	16.6	22.5	20.0	22.8	23.6	25.8	28.8	26.7	22.3	24.3	26.6	26.3
In scope firms with < 10 staff in base year & turnover growth	3.6	4.4	4.4	5.1	5.0	5.7	6.9	6.9	5.2	5.0	4.5	5.4	6.0
All HGFs with 10+ staff in base year	6.4	4.3	3.6	3.9	5.1	7.1	4.7	8.8	6.5	5.3	4.9	3.5	3.9
HGFs with 10+ staff in base year & turnover growth	5.5	4.1	3.2	3.4	4.7	6.6	4.5	8.1	6.1	4.6	4.0	3.3	3.6
HGFs with 10+ staff in base year & turnover contraction	0.9	0.2	0.4	0.5	0.3	0.5	0.2	0.7	0.3	0.7	0.7	0.2	0.2
Turnover growth only HGFs with 10+ staff in base year	4.0	2.7	2.3	1.8	3.8	5.0	3.2	5.9	5.0	3.2	2.8	2.0	2.1
Staff growth only HGFs with 10+ staff in base year	1.5	0.9	1.0	1.4	0.7	1.1	1.1	1.9	0.8	1.2	1.8	0.7	1.4
Turnover & staff growth HGFs with 10+ staff in base year	0.8	0.7	0.3	0.7	0.6	1.1	0.5	0.9	0.6	0.9	0.4	0.8	0.4
All HGFs with <10 staff in base year	2.2	2.2	1.9	2.5	2.1	2.9	3.4	4.4	2.4	2.5	2.3	2.3	3.2
HGFs with <10 staff in base year & turnover growth	1.6	1.8	1.3	2.0	1.9	2.6	2.9	3.3	1.5	1.5	1.4	1.6	2.2
HGFs with <10 staff in base year & turnover contraction	0.6	0.4	0.6	0.5	0.3	0.3	0.5	1.0	0.8	0.9	0.8	0.7	1.0
Turnover growth only HGFs with <10 staff in base year	0.5	0.5	0.5	0.7	1.1	1.0	1.0	1.0	0.7	0.7	0.6	0.7	0.7
Staff growth only HGFs with <10 staff in base year	1.2	1.1	1.0	1.3	0.6	1.1	1.2	1.9	1.3	1.5	1.4	1.3	2.1
Turnover & staff growth HGFs with <10 staff in base year	0.5	0.6	0.3	0.4	0.4	0.8	1.2	1.5	0.3	0.3	0.3	0.3	0.4
All HGFs	8.5	6.5	5.5	6.4	7.2	10.0	8.1	13.1	8.9	7.8	7.2	5.8	7.1
All HGFs with turnover growth	7.0	5.9	4.5	5.4	6.6	9.2	7.4	11.4	7.7	6.1	5.5	4.9	5.8
All HGFs with turnover contraction	1.5	0.6	1.0	1.0	0.6	0.7	0.7	1.7	1.1	1.6	1.5	0.9	1.2
All in scope non HGFs with 10+ staff in base year	17.1	26.8	33.3	30.7	32.5	36.1	42.2	35.3	40.1	45.2	51.8	51.7	47.0
All in scope non HGFs with <10 staff in base year	6.0	6.0	7.1	6.4	6.5	6.5	8.1	8.3	10.4	11.1	10.6	10.3	9.8
All in scope non HGFs	23.1	32.8	40.4	37.2	39.0	42.6	50.2	43.6	50.5	56.3	62.4	62.0	56.9
All in scope non HGFs with turnover growth	10.3	15.1	22.4	19.8	21.3	20.1	25.4	24.3	24.2	21.1	23.3	27.1	26.4
All in scope non HGFs with turnover contraction	12.7	17.5	17.8	17.2	17.6	22.4	22.4	18.9	24.9	33.6	37.5	33.4	29.0
All in scope firms with turnover growth	17.3	21.0	26.9	25.2	27.8	29.3	32.8	35.7	31.9	27.3	28.8	31.9	32.3
All in scope firms with turnover contraction	14.2	18.1	18.8	18.2	18.2	23.1	23.1	20.6	26.0	35.2	39.0	34.3	30.2

Table 18: Total turnover (£billion) in year 3 of period for all businesses in Northern Ireland

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
All firms	51.6	55.7	61.9	64.2	66.8	71.0	77.2	78.8	75.0	70.6	69.1	72.8	80.1
All in scope firms	43.9	50.8	56.9	56.0	59.7	64.0	70.3	71.8	67.7	64.4	63.8	67.1	72.3
In scope firms with 10+ staff in base year	34.3	40.5	47.1	44.6	47.6	49.6	54.5	54.6	54.4	50.9	51.4	53.9	58.3
In scope firms with < 10 staff in base year	9.6	10.3	9.8	11.4	12.1	14.5	15.8	17.2	13.3	13.5	12.4	13.2	14.0
In scope firms with 10+ staff in base year & turnover growth	26.7	30.3	36.9	32.5	38.8	40.1	38.2	44.6	41.5	33.9	33.1	36.7	39.2
In scope firms with < 10 staff in base year & turnover growth	6.8	8.0	7.2	8.9	9.5	12.3	13.1	13.9	9.1	8.7	7.6	8.9	9.8
All HGFs with 10+ staff in base year	16.7	14.7	13.5	10.7	14.8	17.5	11.3	19.7	15.2	11.8	9.2	8.8	12.4
HGFs with 10+ staff in base year & turnover growth	16.3	14.6	13.2	10.4	14.6	17.2	11.1	19.3	14.9	11.4	8.7	8.7	12.3
HGFs with 10+ staff in base year & turnover contraction	0.4	0.1	0.3	0.3	0.1	0.2	0.1	0.3	0.2	0.3	0.3	0.1	0.1
Turnover growth only HGFs with 10+ staff in base year	12.0	11.5	11.6	7.1	11.4	12.1	8.3	14.9	12.0	7.9	6.5	5.9	9.6
Staff growth only HGFs with 10+ staff in base year	1.3	1.2	1.0	1.5	0.7	1.0	1.3	1.9	0.9	1.1	1.7	0.9	1.7
Turnover & staff growth HGFs with 10+ staff in base year	3.4	2.0	0.9	2.1	2.7	4.4	1.6	2.9	2.3	2.8	1.1	2.0	1.1
All HGFs with <10 staff in base year	4.8	5.0	3.7	5.4	5.6	8.5	8.1	9.9	5.0	5.0	4.2	4.6	5.6
HGFs with <10 staff in base year & turnover growth	4.4	4.7	3.4	5.0	5.5	8.3	7.8	9.3	4.5	4.4	3.8	4.2	5.0
HGFs with <10 staff in base year & turnover contraction	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.5	0.4	0.3	0.4
Turnover growth only HGFs with <10 staff in base year	1.6	1.6	1.7	2.2	3.2	4.4	3.3	3.4	2.5	2.4	1.9	2.3	2.1
Staff growth only HGFs with <10 staff in base year	1.2	1.2	0.9	1.4	0.7	1.2	1.2	1.8	1.1	1.2	1.2	1.1	1.9
Turnover & staff growth HGFs with <10 staff in base year	2.0	2.2	1.1	1.7	1.7	3.0	3.6	4.7	1.3	1.3	1.2	1.2	1.6
All HGFs	21.5	19.7	17.2	16.1	20.4	26.0	19.4	29.5	20.2	16.8	13.4	13.4	18.0
All HGFs with turnover growth	20.6	19.3	16.6	15.4	20.0	25.6	18.9	28.6	19.4	15.8	12.5	12.9	17.3
All HGFs with turnover contraction	0.8	0.4	0.5	0.6	0.3	0.3	0.4	0.9	0.7	0.9	0.7	0.4	0.6
All in scope non HGFs with 10+ staff in base year	17.6	25.8	33.5	33.9	32.8	32.1	43.2	34.9	39.2	39.2	42.2	45.1	45.9
All in scope non HGFs with <10 staff in base year	4.8	5.3	6.1	6.0	6.4	5.9	7.7	7.3	8.3	8.5	8.2	8.6	8.4
All in scope non HGFs	22.4	31.1	39.6	39.9	39.3	38.0	50.9	42.2	47.5	47.6	50.4	53.7	54.3
All in scope non HGFs with turnover growth	12.9	19.1	27.5	26.0	28.3	26.8	32.4	29.9	31.2	26.8	28.2	32.7	31.6
All in scope non HGFs with turnover contraction	7.6	11.4	11.6	11.4	10.0	11.0	16.1	11.9	14.9	19.3	20.4	19.5	20.7
All in scope firms with turnover growth	33.5	38.3	44.2	41.4	48.3	52.4	51.3	58.5	50.6	42.6	40.7	45.6	49.0
All in scope firms with turnover contraction	8.4	11.8	12.1	12.0	10.3	11.3	16.5	12.8	15.6	20.2	21.1	19.9	21.3

Table 19: Net turnover change (£billion) between base year and year 3 of period for all businesses in Northern Ireland

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
All firms	13.9	10.6	10.3	7.4	11.1	9.1	12.9	12.0	4.0	-6.6	-9.7	-2.3	9.5
All in scope firms	12.2	11.6	11.0	12.5	13.5	11.4	12.0	15.1	8.3	0.3	-5.7	-0.6	8.3
In scope firms with 10+ staff in base year	10.8	9.5	10.2	10.0	10.0	6.3	7.6	10.5	7.9	0.5	-5.3	-1.2	7.4
In scope firms with < 10 staff in base year	1.4	2.1	0.8	2.5	3.5	5.1	4.3	4.5	0.4	-0.1	-0.4	0.6	1.0
In scope firms with 10+ staff in base year & turnover growth	12.9	13.8	14.4	12.5	15.9	16.5	12.3	15.8	14.8	11.6	8.8	10.1	12.9
In scope firms with < 10 staff in base year & turnover growth	3.3	3.6	2.8	3.8	4.5	6.6	6.2	6.9	3.9	3.7	3.1	3.5	3.8
All HGFs with 10+ staff in base year	10.4	10.4	9.9	6.8	9.7	10.4	6.5	10.9	8.7	6.5	4.3	5.3	8.5
HGFs with 10+ staff in base year & turnover growth	10.8	10.5	10.0	7.0	9.9	10.7	6.6	11.2	8.8	6.8	4.7	5.4	8.6
HGFs with 10+ staff in base year & turnover contraction	-0.5	-0.1	-0.2	-0.2	-0.2	-0.3	-0.1	-0.4	-0.1	-0.3	-0.4	-0.1	-0.1
Turnover growth only HGFs with 10+ staff in base year	8.0	8.8	9.2	5.3	7.6	7.1	5.2	8.9	7.0	4.6	3.7	4.0	7.5
Staff growth only HGFs with 10+ staff in base year	-0.2	0.3	0.0	0.1	-0.1	-0.1	0.3	0.0	0.0	-0.1	-0.1	0.1	0.3
Turnover & staff growth HGFs with 10+ staff in base year	2.6	1.3	0.7	1.4	2.1	3.3	1.1	1.9	1.7	2.0	0.7	1.3	0.7
All HGFs with <10 staff in base year	2.6	2.8	1.8	2.9	3.5	5.6	4.8	5.5	2.6	2.5	1.9	2.3	2.3
HGFs with <10 staff in base year & turnover growth	2.8	2.9	2.1	3.0	3.6	5.7	5.0	6.0	3.0	2.9	2.3	2.6	2.8
HGFs with <10 staff in base year & turnover contraction	-0.2	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5
Turnover growth only HGFs with <10 staff in base year	1.1	1.1	1.2	1.5	2.2	3.3	2.2	2.5	1.8	1.7	1.3	1.5	1.4
Staff growth only HGFs with <10 staff in base year	0.0	0.1	-0.1	0.1	0.0	0.1	0.0	-0.1	-0.2	-0.3	-0.2	-0.2	-0.2
Turnover & staff growth HGFs with <10 staff in base year	1.5	1.6	0.8	1.2	1.3	2.2	2.5	3.2	1.0	1.0	0.9	0.9	1.1
All HGFs	13.0	13.2	11.7	9.7	13.2	16.0	11.3	16.4	11.3	9.0	6.3	7.6	10.9
All HGFs with turnover growth	13.6	13.4	12.1	10.0	13.5	16.4	11.5	17.2	11.8	9.7	7.0	8.0	11.5
All HGFs with turnover contraction	-0.7	-0.2	-0.5	-0.4	-0.3	-0.4	-0.3	-0.8	-0.5	-0.7	-0.8	-0.4	-0.6
All in scope non HGFs with 10+ staff in base year	0.4	-1.0	0.3	3.2	0.4	-4.1	1.1	-0.3	-0.8	-6.0	-9.6	-6.6	-1.2
All in scope non HGFs with <10 staff in base year	-1.2	-0.7	-1.0	-0.4	-0.1	-0.6	-0.4	-1.0	-2.2	-2.6	-2.4	-1.7	-1.4
All in scope non HGFs	-0.7	-1.6	-0.8	2.8	0.3	-4.6	0.7	-1.3	-3.0	-8.6	-12.0	-8.2	-2.6
All in scope non HGFs with turnover growth	2.6	4.0	5.1	6.2	7.0	6.7	7.0	5.6	6.9	5.7	4.8	5.6	5.2
All in scope non HGFs with turnover contraction	-5.1	-6.1	-6.3	-5.8	-7.5	-11.4	-6.3	-7.0	-10.0	-14.3	-17.1	-14.0	-8.3
All in scope firms with turnover growth	16.2	17.3	17.2	16.3	20.4	23.1	18.5	22.8	18.7	15.4	11.9	13.7	16.7
All in scope firms with turnover contraction	-5.8	-6.4	-6.7	-6.2	-7.9	-11.8	-6.6	-7.8	-10.4	-15.1	-17.9	-14.4	-8.9

Table 20: Total employment (000's) in base year for all businesses in Northern Ireland

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
All firms	448.9	478.8	503.2	499.7	524.6	527.1	541.6	548.8	565.3	573.4	585.1	554.3	546.9
All in scope firms	369.5	407.9	430.8	427.8	454.7	456.5	474.7	468.5	482.1	484.2	503.2	484.7	482.4
All in scope firms with 10+ staff in base year	260.7	295.8	317.0	310.9	335.5	336.5	350.0	339.8	349.7	354.1	378.3	362.7	361.3
All in scope firms with < 10 staff in base year	108.7	112.1	113.8	116.9	119.2	120.0	124.7	128.7	132.4	130.1	125.0	122.0	121.1
In scope firms with 10+ staff in base year & positive staff growth	136.3	155.7	161.7	158.8	164.9	157.9	181.0	185.3	149.8	158.4	146.0	151.5	154.9
In scope firms with < 10 staff in base year & positive staff growth	37.9	40.2	33.0	36.8	32.8	39.9	35.9	42.5	33.6	30.7	26.8	27.5	31.0
All HGFs with 10+ staff in base year	58.9	59.0	53.9	52.4	76.0	77.9	51.7	59.9	55.6	49.1	38.0	35.3	38.9
HGFs with 10+ staff in base year & positive staff growth	43.4	50.1	39.5	41.3	58.1	53.8	36.8	48.3	39.8	38.7	29.8	26.2	28.7
HGFs with 10+ staff in base year & employment contraction	14.8	8.1	13.5	9.6	15.8	22.9	13.1	10.9	15.1	9.9	7.8	8.4	9.7
Turnover growth only HGFs with 10+ staff in base year	38.4	40.3	41.6	33.9	62.3	57.4	37.1	39.4	40.5	30.9	23.6	22.7	25.9
Staff growth only HGFs with 10+ staff in base year	8.2	9.1	8.2	8.6	4.7	7.3	8.0	10.9	7.2	9.0	9.3	5.7	8.5
Turnover & staff growth HGFs with 10+ staff in base year	12.3	9.6	4.1	9.9	9.0	13.3	6.5	9.6	7.9	9.2	5.1	6.9	4.6
All HGFs with <10 staff in base year	26.2	27.5	22.3	28.9	29.8	34.6	30.5	31.9	22.6	20.5	18.9	20.0	22.5
HGFs with <10 staff in base year & positive staff growth	18.8	20.0	14.6	18.6	15.9	21.7	17.0	20.5	12.7	11.3	10.4	10.8	13.2
HGFs with <10 staff in base year & employment contraction	2.4	2.3	2.4	3.6	4.4	4.9	4.2	4.0	3.3	3.1	2.9	2.8	2.8
Turnover growth only HGFs with <10 staff in base year	11.8	12.2	12.7	16.2	21.0	19.3	18.4	15.7	12.8	11.7	10.7	11.7	11.5
Staff growth only HGFs with <10 staff in base year	7.9	7.8	5.8	7.2	4.0	6.9	7.4	9.8	6.1	6.1	5.2	5.3	7.0
Turnover & staff growth HGFs with <10 staff in base year	6.6	7.5	3.9	5.4	4.8	8.4	4.8	6.5	3.7	2.6	3.0	3.0	4.1
All HGFs	85.1	86.5	76.3	81.3	105.8	112.6	82.2	91.8	78.2	69.6	56.9	55.4	61.4
All HGFs with positive staff growth	62.2	70.1	54.1	59.9	74.0	75.6	53.8	68.8	52.5	50.1	40.2	37.0	41.9
All HGFs with employment contraction	17.2	10.4	15.8	13.2	20.2	27.8	17.3	14.9	18.3	13.0	10.7	11.1	12.5
All in scope non HGFs with 10+ staff in base year	201.8	236.9	263.1	258.5	259.5	258.5	298.4	279.9	294.1	305.0	340.3	327.3	322.4
All in scope non HGFs with <10 staff in base year	82.5	84.6	91.5	88.0	89.5	85.3	94.2	96.8	109.8	109.6	106.0	102.0	98.6
All in scope non HGFs	284.3	321.5	354.6	346.5	349.0	343.9	392.5	376.7	403.8	414.7	446.3	429.3	421.0
All in scope non HGFs with positive staff growth	112.1	125.8	140.6	135.7	123.8	122.3	163.1	159.0	131.0	139.0	132.6	141.9	144.0
All in scope non HGFs with employment contraction	126.4	148.3	155.0	161.6	166.2	176.9	169.0	167.8	214.3	216.2	258.3	222.8	219.2
All in scope firms with positive staff growth	174.3	195.9	194.7	195.6	197.8	197.8	216.9	227.7	183.5	189.1	172.8	179.0	185.9
All in scope firms with employment contraction	143.5	158.7	170.9	174.7	186.4	204.7	186.2	182.7	232.6	229.2	269.0	233.9	231.7

Table 21: Total employment (000's) in year 3 of period for all businesses in Northern Ireland

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
All firms	503.2	524.6	527.1	541.6	548.8	565.3	573.4	585.1	554.3	546.9	542.8	544.7	562.8
All in scope firms	424.9	457.4	462.3	470.2	481.7	494.2	510.5	523.6	495.1	494.1	490.2	494.8	504.6
All in scope firms with 10+ staff in base year	288.1	317.4	333.8	333.0	348.7	348.9	367.5	369.1	352.8	356.5	363.4	365.4	367.6
All in scope firms with < 10 staff in base year	136.8	140.0	128.5	137.2	133.0	145.3	143.0	154.5	142.4	137.5	126.9	129.4	137.0
In scope firms with 10+ staff in base year & positive staff growth	194.9	215.4	211.1	216.7	213.0	221.5	234.7	254.6	205.2	214.2	194.7	198.7	202.7
In scope firms with < 10 staff in base year & positive staff growth	74.9	78.6	57.7	69.4	57.0	78.9	66.0	82.9	61.0	55.8	49.0	49.5	61.1
All HGFs with 10+ staff in base year	91.9	92.4	77.0	83.8	103.9	114.6	77.7	96.9	86.5	78.3	60.4	56.6	60.5
HGFs with 10+ staff in base year & positive staff growth	81.1	85.9	64.7	75.1	88.6	96.7	66.4	87.5	73.7	70.4	55.1	49.8	52.4
HGFs with 10+ staff in base year & employment contraction	10.0	5.9	11.3	7.1	13.2	16.7	9.6	8.6	12.1	7.5	4.9	6.1	7.5
Turnover growth only HGFs with 10+ staff in base year	41.1	47.3	44.8	37.4	70.2	60.7	39.9	44.2	45.0	32.8	25.3	24.7	28.1
Staff growth only HGFs with 10+ staff in base year	18.3	19.4	21.1	19.5	10.9	16.4	20.0	27.7	19.4	21.4	20.8	15.0	19.7
Turnover & staff growth HGFs with 10+ staff in base year	32.5	25.7	11.1	26.9	22.8	37.6	17.8	25.0	22.0	24.1	14.4	17.0	12.7
All HGFs with <10 staff in base year	55.5	57.9	40.2	53.8	47.1	65.4	52.7	63.1	41.7	37.7	34.4	35.5	45.3
HGFs with <10 staff in base year & positive staff growth	49.1	51.2	33.3	44.9	34.8	54.4	40.7	53.3	33.1	30.0	27.2	27.5	37.2
HGFs with <10 staff in base year & employment contraction	1.4	1.5	1.5	2.2	2.8	3.0	2.6	2.3	1.9	1.6	1.5	1.6	1.6
Turnover growth only HGFs with <10 staff in base year	12.5	13.2	13.7	17.2	22.1	19.9	18.6	15.8	12.7	11.3	10.3	11.5	11.1
Staff growth only HGFs with <10 staff in base year	21.1	20.6	14.6	19.3	9.9	17.6	18.7	26.0	16.6	16.8	13.8	13.7	19.0
Turnover & staff growth HGFs with <10 staff in base year	21.9	24.0	11.8	17.2	15.1	27.9	15.4	21.3	12.4	9.6	10.4	10.4	15.1
All HGFs	147.4	150.3	117.2	137.6	151.0	180.0	130.4	160.0	128.1	116.0	94.9	92.2	105.8
All HGFs with positive staff growth	130.2	137.1	98.0	120.0	123.4	151.1	107.1	140.9	106.8	100.4	82.4	77.3	89.7
All HGFs with employment contraction	11.4	7.3	12.8	9.3	16.0	19.7	12.1	10.9	14.0	9.1	6.4	7.6	9.1
All in scope non HGFs with 10+ staff in base year	196.2	225.0	256.7	249.2	244.8	234.3	289.8	272.3	266.3	278.2	302.9	308.7	307.1
All in scope non HGFs with <10 staff in base year	81.3	82.2	88.4	83.4	85.9	79.9	90.3	91.4	100.7	99.8	92.4	93.9	91.7
All in scope non HGFs	277.5	307.1	345.1	332.6	330.7	314.2	380.1	363.6	367.0	378.0	395.4	402.6	398.8
All in scope non HGFs with positive staff growth	139.6	156.9	170.8	166.1	146.6	149.2	193.6	196.7	159.4	169.6	161.3	170.9	174.1
All in scope non HGFs with employment contraction	90.3	102.7	114.8	117.2	124.0	120.0	125.7	116.8	149.0	148.9	178.5	166.9	166.5
All in scope firms with positive staff growth	269.8	294.0	268.8	286.1	270.0	300.4	300.7	337.6	266.2	270.0	243.7	248.2	263.7
All in scope firms with employment contraction	101.7	110.0	127.7	126.6	140.0	139.7	137.9	127.7	162.9	158.0	184.9	174.6	175.6

Table 22: Net employment change (000's) between base year and year 3 of period for all businesses in Northern Ireland

	1998-01	2000-03	2001-04	2002-05	2003-06	2004-07	2005-08	2006-09	2007-10	2008-11	2009-12	2010-13	2011-14
All firms	54.3	45.8	23.9	41.9	24.2	38.2	31.8	36.3	-11.0	-26.5	-42.3	-9.6	15.9
All in scope firms	55.4	49.5	31.5	42.4	27.0	37.7	35.7	55.1	13.1	9.8	-13.0	10.1	22.2
In scope firms with 10+ staff in base year	27.4	21.6	16.8	22.1	13.2	12.4	17.4	29.3	3.1	2.4	-14.9	2.7	6.3
In scope firms with < 10 staff in base year	28.0	27.9	14.7	20.3	13.8	25.3	18.3	25.8	10.0	7.4	1.9	7.4	15.9
In scope firms with 10+ staff in base year & positive staff growth	58.6	59.8	49.4	57.9	48.1	63.5	53.7	69.4	55.3	55.8	48.7	47.3	47.8
In scope firms with < 10 staff in base year & positive staff growth	37.0	38.3	24.7	32.5	24.1	39.0	30.1	40.5	27.4	25.1	22.2	22.0	30.1
All HGFs with 10+ staff in base year	33.0	33.5	23.1	31.4	27.9	36.7	26.0	36.9	30.8	29.3	22.4	21.3	21.6
HGFs with 10+ staff in base year & positive staff growth	37.7	35.7	25.2	33.8	30.5	42.9	29.6	39.2	33.8	31.7	25.3	23.6	23.7
HGFs with 10+ staff in base year & employment contraction	-4.8	-2.2	-2.1	-2.5	-2.7	-6.2	-3.6	-2.3	-3.0	-2.4	-2.9	-2.3	-2.2
Turnover growth only HGFs with 10+ staff in base year	2.7	7.0	3.2	3.5	7.9	3.3	2.8	4.8	4.5	2.0	1.7	2.0	2.3
Staff growth only HGFs with 10+ staff in base year	10.0	10.3	12.9	10.9	6.2	9.1	11.9	16.8	12.2	12.5	11.5	9.3	11.2
Turnover & staff growth HGFs with 10+ staff in base year	20.2	16.2	7.0	17.0	13.8	24.2	11.3	15.4	14.2	14.9	9.3	10.1	8.1
All HGFs with <10 staff in base year	29.3	30.4	17.8	24.9	17.3	30.8	22.2	31.2	19.0	17.2	15.5	15.5	22.8
HGFs with <10 staff in base year & positive staff growth	30.3	31.2	18.7	26.3	18.9	32.6	23.7	32.9	20.4	18.6	16.8	16.7	24.1
HGFs with <10 staff in base year & employment contraction	-1.0	-0.9	-0.9	-1.4	-1.5	-1.9	-1.6	-1.7	-1.4	-1.4	-1.4	-1.2	-1.2
Turnover growth only HGFs with <10 staff in base year	0.8	1.1	1.0	1.0	1.1	0.6	0.2	0.1	-0.2	-0.4	-0.5	-0.2	-0.3
Staff growth only HGFs with <10 staff in base year	13.2	12.8	8.9	12.1	5.9	10.7	11.4	16.2	10.5	10.7	8.6	8.4	12.1
Turnover & staff growth HGFs with <10 staff in base year	15.3	16.5	7.9	11.8	10.3	19.5	10.6	14.8	8.8	6.9	7.4	7.4	11.1
All HGFs (net change)	62.2	63.8	40.9	56.2	45.2	67.5	48.2	68.1	49.9	46.5	37.9	36.8	44.4
All HGFs with positive staff growth	68.0	67.0	43.9	60.1	49.4	75.6	53.3	72.1	54.3	50.3	42.1	40.3	47.8
All HGFs with employment contraction	-5.8	-3.1	-3.0	-3.8	-4.2	-8.1	-5.1	-4.0	-4.4	-3.9	-4.2	-3.5	-3.4
All in scope non HGFs with 10+ staff in base year	-5.6	-11.9	-6.3	-9.3	-14.7	-24.2	-8.6	-7.6	-27.8	-26.9	-37.4	-18.6	-15.3
All in scope non HGFs with <10 staff in base year	-1.3	-2.5	-3.1	-4.6	-3.6	-5.5	-3.9	-5.4	-9.0	-9.8	-13.6	-8.1	-7.0
All in scope non HGFs	-6.9	-14.4	-9.5	-13.9	-18.2	-29.7	-12.4	-13.0	-36.8	-36.6	-50.9	-26.7	-22.2
All in scope non HGFs with positive staff growth	27.6	31.2	30.2	30.4	22.8	27.0	30.5	37.8	28.5	30.6	28.8	28.9	30.1
All in scope non HGFs with employment contraction	-36.1	-45.6	-40.2	-44.3	-42.2	-56.9	-43.2	-51.0	-65.3	-67.3	-79.9	-55.8	-52.6
All in scope firms with positive staff growth	95.6	98.1	74.1	90.5	72.2	102.5	83.8	109.9	82.7	80.9	70.9	69.2	77.9
All in scope firms with employment contraction	-41.9	-48.7	-43.2	-48.2	-46.4	-65.0	-48.4	-55.0	-69.7	-71.2	-84.1	-59.3	-56.0

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