



An Roinn Post, Fiontar agus Nuálaíochta  
Department of Jobs, Enterprise and Innovation

# Annual Employment Survey 2016

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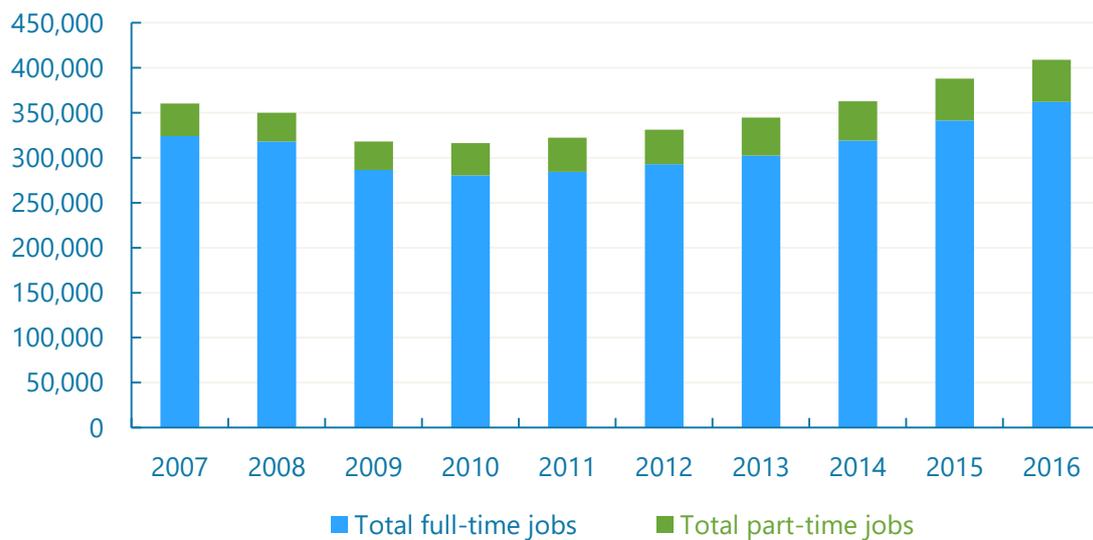
## Executive Summary

The Annual Employment Survey provides an analysis of employment levels in Industrial (including Primary Production) and Services companies under the remit of IDA Ireland, Enterprise Ireland and Údarás na Gaeltachta<sup>1</sup>. This 2016 Annual Employment Survey report looks at employment trends over the 10-year period from 2007 to 2016. The main findings of the 2016 survey are set out below.

### Overall Employment

Total permanent, full-time employment in agency-assisted companies operating in the Industrial and Services sectors amounted to 362,044 in 2016, an increase of 20,632 jobs (6.0 %) on 2015 employment levels, continuing the trend of positive growth in employment since 2011.

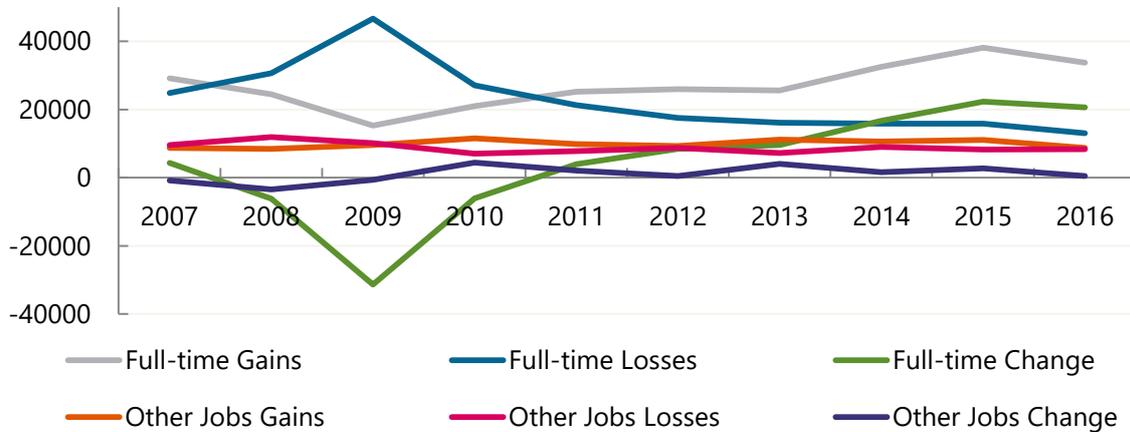
Figure A: Total Full-time and Part-time, Temporary Jobs in Agency-assisted firms, 2007-2016



Gross job gains for 2016 are 33,694, which is down on the 2015 figure of 38,158, but gross job losses (13,062) are at their lowest level for more than a decade. Part-time and temporary employment in agency-assisted firms increased by 430 jobs in 2016 to reach 46,997, the highest number recorded in the 10 year period. This brings total employment to 409,041 in 2016.

<sup>1</sup> Firms formerly surveyed as Shannon Development client companies (which ceased as an entity in 2013) have been integrated into the Enterprise Ireland, IDA Ireland and Údarás na Gaeltachta client cohorts, since the 2013 survey.

Figure B: Jobs Gains, Losses and Net Change in Full-time and Part-time Employment in All Agency-assisted Firms, 2007-2016



Total full-time employment among Irish-owned companies amounted to 176,271 in 2016, an increase of 10,511 jobs (6.3%) over 2015. This increase continues the five year trend of positive employment growth for Irish-owned firms, following four years of net losses in employment between 2008 and 2011. Irish-owned companies account for 49% of total full-time employment in agency-assisted firms in 2016 compared with a 51% share in 2007. Employment in Irish-owned firms increased by 6.3% between 2007 and 2016, from 165,906 to 176,271 respectively. There was also an increase of 2.3% (614 jobs) in part-time temporary jobs in 2016 to 27,294, a continuation of the upward trend started in 2009.

Among foreign-owned companies, total full-time employment amounted to 185,773 in 2016, an increase of 10,121 jobs (5.8%) over the previous year and the sixth successive year of growth. Employment in foreign-owned firms stood at 158,199 in 2007 and increased by 17.4% or 27,574 jobs by 2016. Foreign-owned part-time temporary employment decreased by 184 jobs (0.9%) since 2015.

### Regional Employment

The Border Midlands and West (BMW), Dublin, and the South and East (S&E) regions all saw increases in employment over 2015 levels, giving a sixth consecutive year of employment growth for those regions. The South and East (S&E) region remains the largest region in terms of employment, accounting for 149,085 jobs, or 41%, of total agency employment, followed by the Dublin region with 133,484 full-time jobs (37%) and the Border, Midlands and West (BMW) region with 79,475 employed (22%). Over the 10 year period, 2016 is the year with the highest level of employment for all regions.

Irish-owned firms located in the S&E accounted for 41.7% (73,592 jobs) of total Irish-owned full-time employment in 2016, up from 70,157 jobs in 2015 or an increase of 4.9% since 2015. The BMW region accounted for 26.2% (46,108 jobs) of Irish-owned firms' employment in 2016, up from 43,606 in 2015. Dublin-based Irish client companies accounted for 56,571 jobs in 2016 (32.1% of the total), up 4,575 (8.8%) on 2015. For all regions, 2016 showed the highest levels of employment over the decade.

Foreign-owned Industrial and Services firms located in the S&E accounted for 75,493 jobs in 2016 (40.6% of all regions), up 5,936 jobs (8.5%) on the previous year. In overall terms, the BMW region's share of full-time employment in foreign-owned companies is 18% and has remained relatively static as a percentage share over recent years. Permanent jobs in the BMW region have been on an increasing trajectory since 2011. Foreign-owned client companies in the Dublin region accounted for 76,913 jobs. Dublin holds the highest share of nationwide employment at 41%. For all regions the highest level of employment over the decade was in 2016.

### Sectoral Employment

The sectoral employment breakdown shows evidence of continuing structural change in agency-assisted companies towards Services sectors. Full-time employment in all Industrial sector companies increased to 205,847 in 2016, up from 196,489 in 2015 (a rise of 9,358 or 4.8%). Services employment increased more significantly to 156,197, up from 144,923 in 2015 (a rise of 11,274 or 7.8%).

Total full-time jobs in the Irish-owned Industrial sector amounted to 114,138 in 2016, up from 108,627 in 2015, a net gain of 5,511 jobs (5.1%). The sub-sectors with the most significant net jobs gains in 2016 were: Construction, Energy, Water and Waste (1,422 jobs), Food (1,278 jobs), Basic and Fabricated Metals (753 jobs) and Non-metallic Minerals (457 jobs). Proportionately, the sub-sectors that gained most employment were: Medical and Dental Instruments and Supplies (17.5%) and Construction, Energy, Water and Waste (12.8%). The only negative net change reported was in the Agriculture, Fishing and Forestry sub-sector (-38 jobs).

A total of 62,133 full-time jobs were recorded in the Irish-owned Services sector in 2016, with a net gain of 5,000 jobs (8.8%) over 2015. The sub-sectors with the highest net employment gains in 2016 were: Computer Consultancy Activities (1,196 jobs) and Other Information and Communication Services (528 jobs). Proportionately, the sub-sectors that gained most employment were: Computer Facilities Management (133.3%) and Computer Programming Activities (40.2%). There were no negative net changes reported in Irish-owned Services sectors.

In the foreign-owned Industrial sector, total full-time jobs amounted to 91,709 in 2016, up from 87,862 in 2015, with a net gain of 3,847 jobs (4.4%). The sub-sectors with the most significant net jobs gains in 2016 were: Medical and Dental Instruments and Supplies (2,154 jobs), Chemicals (1,525 jobs) and Computer, Electronic and Optical Equipment (257 jobs). In proportionate terms the significant sub-sectors that fared best in 2016 over 2015 in terms of employment net change were the same as above - Medical and Dental Instruments and Supplies (9.7%) and Chemicals (7.1%).

A total of 94,064 full-time jobs were recorded in the foreign-owned Services sector in 2016, with a substantial net gain of 6,274 jobs (7.1%) over 2015. The sub-sectors with the highest net employment gains were: Computer Programming Activities (1,366 jobs) and Other Information Technology and Computer Services Activities (1,173 jobs). Proportionately, the sub-sectors that gained most employment were: Other Information and Communication Services (34.4%) and Business Services (23.2%).

## Introduction

This document sets out the results of the 2016 Department of Jobs, Enterprise and Innovation (DJEI), Annual Employment Survey. The survey is an annual census of employment in all Manufacturing and Services companies supported by the enterprise development agencies (IDA Ireland, Enterprise Ireland, and Údarás na Gaeltachta). The survey has been carried out each year since 1972. DJEI, in line with its mandate to co-ordinate the activities of Enterprise Ireland and IDA Ireland, continues to carry out the survey with the co-operation of Enterprise Ireland and IDA Ireland regional staff. Údarás na Gaeltachta carries out the survey for companies falling within its remit and provides the results for inclusion in the DJEI database. Companies formerly surveyed as Shannon Development companies have been incorporated into either the IDA Ireland or Enterprise Ireland client portfolios since 2013.

The data is presented by nationality of ownership rather than in terms of the parent development agency, and hence the cohort of foreign-owned firms includes food and beverages and natural resource subsidiaries of overseas firms that are supported by Enterprise Ireland.

The structure of the main body of the report is as follows:

- Section 1 provides overall employment trends in Manufacturing and Services sectors, the results of which are broken down on the basis of Irish and foreign ownership. Data on part-time, temporary and short-term contract employment are also provided for companies within the remit of Enterprise Ireland, IDA Ireland and Údarás na Gaeltachta.
- Section 2 provides a regional analysis of permanent/full-time employment.
- Section 3 analyses the permanent/full-time employment data on the basis of industrial and services sector.

It should be noted that employment figures in this document may differ from those previously reported at year-ends due to factors such as the inclusion of new companies on the agency client lists, revisions made by companies during the survey or the transfer of companies between Irish and foreign ownership at the end of each survey year.

The Department of Jobs, Enterprise and Innovation would like to thank the many respondents to this survey who have taken the time to gather information and complete the data requests for this key area of Government policy.

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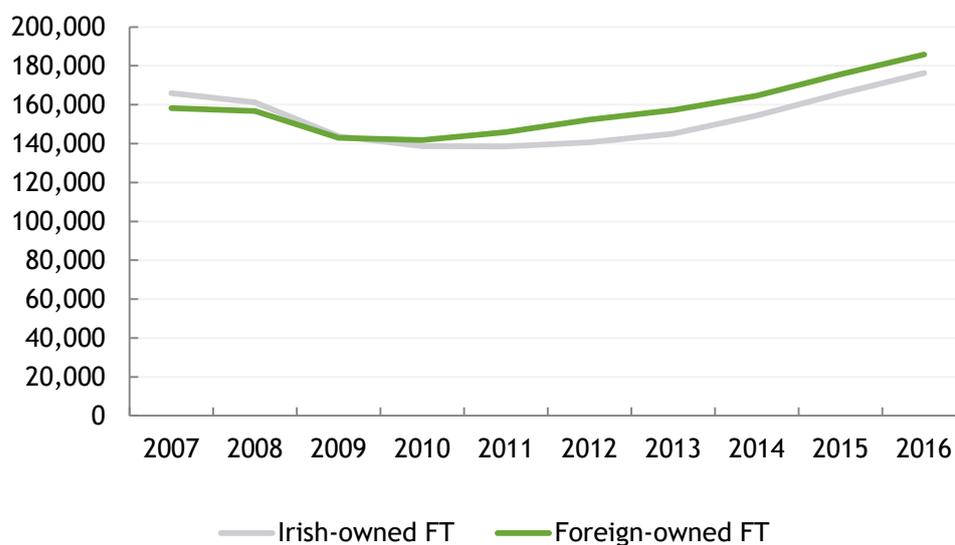
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## Chapter 1: Employment Trends 2007 –2016

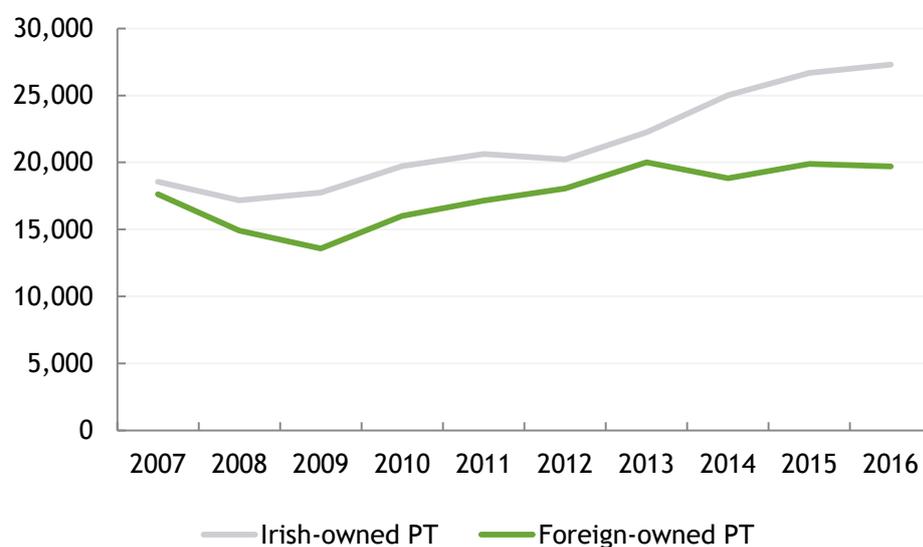
### 1.1 Trends in Permanent, Full-time (FT) Employment in Irish and Foreign-owned Agency-assisted Companies, 2007-2016



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Irish</b>	165,906	161,183	143,699	138,761	138,464	140,590	145,169	154,418	165,760	176,271
<b>Foreign</b>	158,199	156,798	142,931	141,759	145,990	152,279	157,232	164,666	175,652	185,773
<b>All ownership</b>	324,105	317,981	286,630	280,520	284,454	292,869	302,401	319,084	341,412	362,044

- Total permanent, full-time employment in agency-assisted companies operating in the Industrial and Services sectors amounted to 362,044 in 2016, an increase of 20,632 jobs (6%) on 2015 employment levels. Since 2010, the lowest level of employment recorded over the 10 year period, employment has increased by 29.1% or 81,524 jobs. The highest level of employment over the period was reported in 2016. There are now 37,939 more full-time jobs in agency-assisted firms or an 11.7% increase over the 2007 level.
- Total full-time employment among Irish-owned companies amounted to 176,271 in 2016, an increase of 6.3% or 10,511 additional jobs over 2015 and was the highest level of employment over the decade. Between 2010 and 2016, employment increased by 27% or 37,510 jobs. Irish-owned firms accounted for 49% of total employment in 2016 compared with 51% in 2007.
- Among foreign-owned companies, total full-time employment amounted to 185,773 in 2016, an increase of 10,121 jobs (5.8%) over the previous year and the highest employment level recorded over the 10 year period. Since 2010, employment increased by 31% or 44,014 jobs. Foreign-owned firms accounted for 51% of total employment in agency-assisted firms in 2016 compared with 49% in 2007.

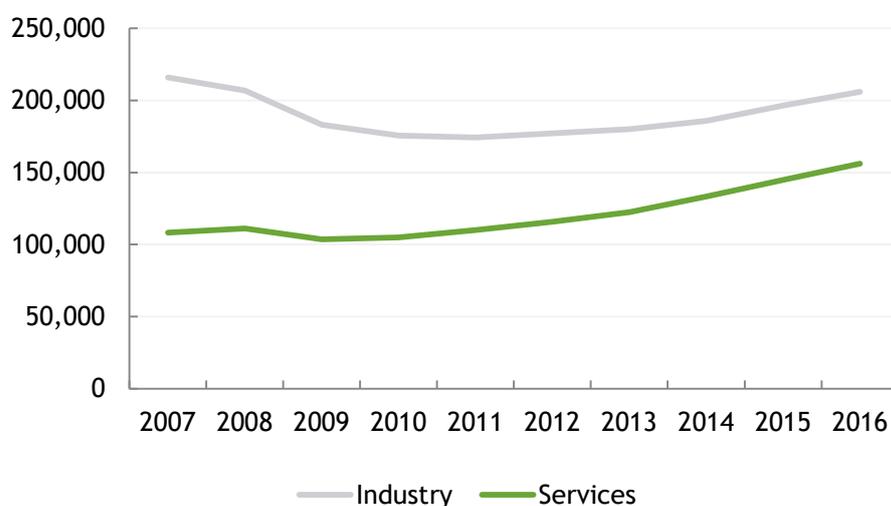
## 1.2 Trends in Part-time, Temporary and Short-term Contract Employment in Irish and Foreign-owned Agency-assisted Companies, 2007-2016



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Irish-owned	18,570	17,166	17,741	19,724	20,636	20,229	22,249	25,018	26,680	27,294
Foreign-owned	17,626	14,914	13,586	16,014	17,150	18,070	20,015	18,812	19,887	19,703
All ownership	36,196	32,080	31,327	35,738	37,786	38,299	42,264	43,830	46,567	46,997

- Part-time/ temporary or short term contract employment in Irish-owned companies increased since 2015 and decreased slightly in foreign-owned firms.
- Part-time employment levels for Irish-owned companies in 2016 were at the highest level over the 10 period shown above.
- In total, there were 46,997 jobs of a temporary or part-time nature recorded in agency-assisted companies in 2016 representing an increase of 430 jobs since 2015.
- There were 27,294 part-time/ temporary workers in Irish-owned firms in 2016, an increase of 2.3% since 2015.
- Irish-owned firms accounted for a 51% share of all part-time workers in agency-assisted firms in 2007, this share increased to 58% in 2016.
- There were 19,703 part-time/ temporary workers in foreign-owned firms in 2016, a decline of 0.9% since 2015.
- Between 2007 and 2016, the annual growth rate in part-time workers in Irish-owned firms was 4.4% compared with 1.3% in foreign-owned firms.

### 1.3 Trends in Permanent, Full-time Employment by Industrial and Services Sectors in All Agency-assisted Companies, 2007-2016

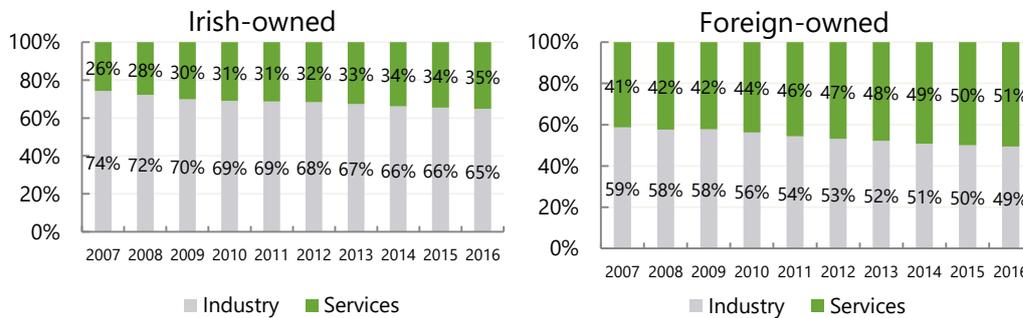


	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Industry</b>	215,878	206,720	183,099	175,652	174,346	177,116	179,916	185,742	196,489	205,847
<b>Services</b>	108,227	111,261	103,531	104,868	110,108	115,753	122,485	133,342	144,923	156,197
<b>All sectors</b>	324,105	317,981	286,630	280,520	284,454	292,869	302,401	319,084	341,412	362,044

- Permanent full-time employment in Industry<sup>2</sup> was recorded as 205,847 in 2016. The number employed in Industry has increased by 18.1% (31,501 jobs) since 2011, the lowest employment level in the 10-year time period. Employment has fallen by 4.6% from a high of 215,878 in 2007 to its current level. This represents a decrease of 10,031 jobs since 2007.
- Industry accounts for the majority of jobs in agency-assisted companies accounting for 57% of full-time jobs in 2016. However, this share has declined from a 67% share of total employment in 2007.
- The Services sector saw significant growth (47,970 jobs) over the period 2007 to 2016, with permanent, full-time employment reaching a high of 156,197 jobs in 2016. Employment in Services has increased every year since 2007, except between 2008 and 2009, when the sector shed 7,730 jobs. Over the 10-year period employment in the Services sector increased by 44.3% more than offsetting the losses in the Industry sector.
- In 2016, employment in the Services sector accounted for 43% of total employment compared to 33% in 2007.

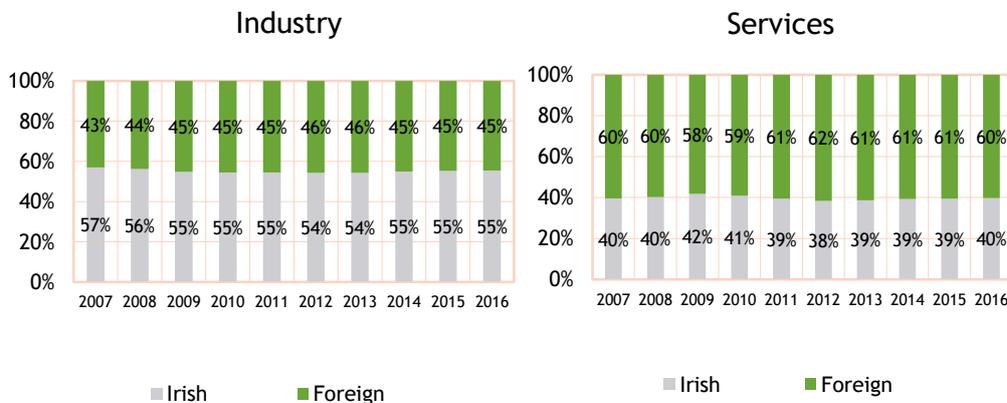
<sup>2</sup> In the course of this report, "Industry" or "Industrial sectors" includes all Manufacturing sectors, as well as Construction, Utilities and Primary Production, unless otherwise stated.

### 1.4 Trends in Permanent, Full-time Employment by Industrial and Services Sectors in Irish and Foreign Agency-assisted Companies, 2007-2016



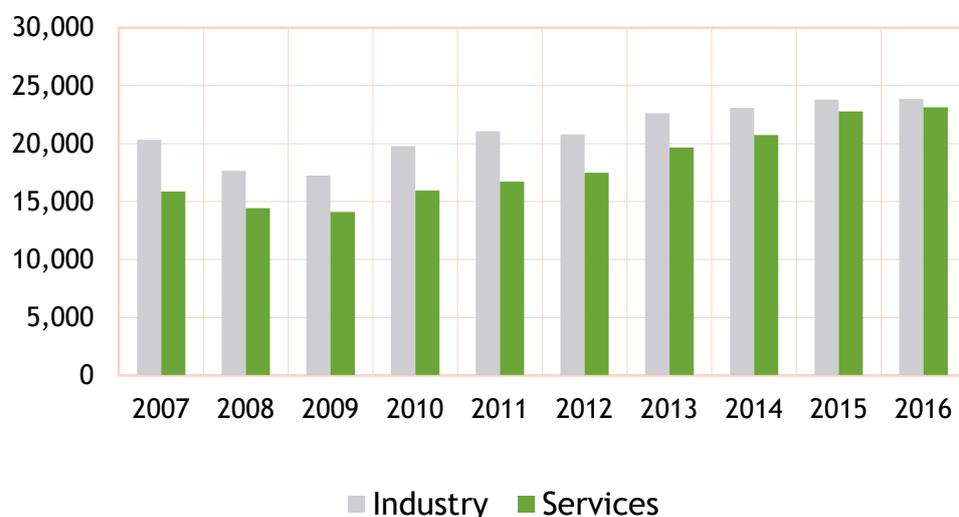
- The majority of employment in Irish-owned firms is in the Industrial sectors accounting for almost two thirds of employment, while the majority of employment in Foreign-owned firms is in the Services sector, with a 51% share of total employment.
- Over the past decade the Services sector has increased its share of total employment in Irish and foreign companies, so that it now accounts for 35% and 51% of total agency employment respectively.

### 1.5 Trends in Permanent, Full-time Employment in Irish and Foreign Agency-assisted Companies by Industry and Service Sectors, 2007-2016



- In the Industrial sector, Irish-owned companies accounted for 55% of full-time employment in 2016 without much fluctuation in the share over the decade.
- In the Services sector, foreign-owned firms accounted for 60% of permanent full-time employment in 2016 down from a 61% share in 2015.
- Overall, the Industry sector saw a decline of 10,031 jobs between 2007 and 2016 and almost 90% of these losses occurred in Irish-owned firms.
- Overall, Services companies created an additional 47,490 jobs between 2007 and 2016, and 60% of these jobs were in foreign-owned companies.

### 1.6 Trends in Part-time, Temporary and Short-term Contract Employment by Sector in All Agency-assisted Companies, 2007-2016



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Industry</b>	20,337	17,647	17,231	19,787	21,058	20,806	22,604	23,089	23,800	23,859
<b>Services</b>	15,859	14,433	14,096	15,951	16,728	17,493	19,660	20,741	22,767	23,138
<b>All sectors</b>	36,196	32,080	31,327	35,738	37,786	38,299	42,264	43,830	46,567	46,997

- The above table and accompanying chart document trends in temporary and part-time employment on the basis of Industrial and Services sectors.
- Between 2007 and 2016, total temporary and part-time jobs increased from 36,196 to 46,997, the highest level recorded over the decade.
- In the Industry sector, part-time employment increased from 20,337 to 23,859 between 2007 and 2016, with the highest level of part-time employment recorded in 2016.
- In the Services sector, part-time employment increased from 15,859 to 23,138 between 2007 and 2016, with the highest level of part-time employment recorded in 2016.
- Over the period 2007 to 2016, the annual growth rate in part-time employment was 1.8% in the Industry sector and 4.3% in the Services sector.
- The Services sector now accounts for almost half of full-time employment compared with a 44% share in 2007.

### 1.7 Job Gains, Losses and Net Change in Permanent Full-time Employment in All Agency-assisted Companies, 2007-2016



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Gross Job Gains</b>	29,128	24,461	15,241	20,941	25,233	25,932	25,618	32,533	38,158	33,694
<b>Gross Job Losses</b>	-24,788	-30,585	-46,592	-27,051	-21,299	-17,517	-16,086	-15,850	-15,830	-13,062
<b>Net Job Change</b>	4,340	-6,124	-31,351	-6,110	3,934	8,415	9,532	16,683	22,328	20,632

- Figure 1.7 illustrates trends in gross job gains, gross job losses and net job change among all agency-assisted firms during the period 2007 to 2016. The net change in employment comprises gross job gains (firms that have increased employment) less gross job losses (firms where employment numbers have decreased).
- In 2007 agency-assisted companies recorded net job gains, followed by net job losses between 2008 and 2010 (amounting to 43,585 jobs) with particularly heavy net job losses in 2009 (31,351 jobs). Since 2011, agency-assisted companies have recorded positive net job gains with the second highest positive net job change of 20,632 jobs recorded in 2016.
- There has been a 12% decline in gross job gains (4,464 jobs) since 2015, although since 2007 gross job gains have increased by 15.7%.
- In 2016, total gross job losses at 13,062 were at their lowest level in a decade.

### 1.8 Job Gains, Losses and Net Change in Permanent, Full-time Employment in Irish-owned Agency-assisted Companies, 2007-2016



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Gross Job Gains</b>	17,381	14,078	9,313	10,336	12,456	12,370	13,883	17,510	18,942	16,552
<b>Gross Job Losses</b>	-13,222	-18,801	-26,797	-15,274	-12,753	-10,244	-9,304	-8,261	-7,600	-6,041
<b>Net Job Change</b>	4,159	-4,723	-17,484	-4,938	-297	2,126	4,579	9,249	11,342	10,511

- Figure 1.8 illustrates trends in gross job gains, gross job losses and net job change among Irish-owned firms during the period 2007 to 2016.
- The highest positive net change was recorded in 2015, with 11,342 jobs created. 2016 was the fifth consecutive year of positive net growth in employment for Irish-owned firms recording a net change of 10,511, a decrease of 7.3% since 2015. The highest negative net change was recorded in 2009 with 17,484 jobs lost. In 2012, jobs gains of 12,370 exceeded jobs losses of 10,244, resulting in a net change of 2,126 jobs created and indicating a return to jobs growth for the first time since 2007, following the loss of 27,442 net jobs between 2008 and 2011.
- Over the 10-year period, 2015 was the year that most jobs were created by Irish-owned companies (18,942 jobs). In 2016, gross job gains in Irish-owned companies at 16,552 had decreased by 12.6% since 2015 and by 4.8% since 2007.
- In 2016, gross job losses at 6,041 were at their lowest in a decade, representing a decline of 20.5% since 2015 and of 54.3% since 2007. The highest job losses in the decade at 26,797 were recorded in 2009.

### 1.9 Job Gains, Losses and Net Change in Permanent, Full-time Employment in Foreign-owned Agency-assisted Companies, 2007-2016

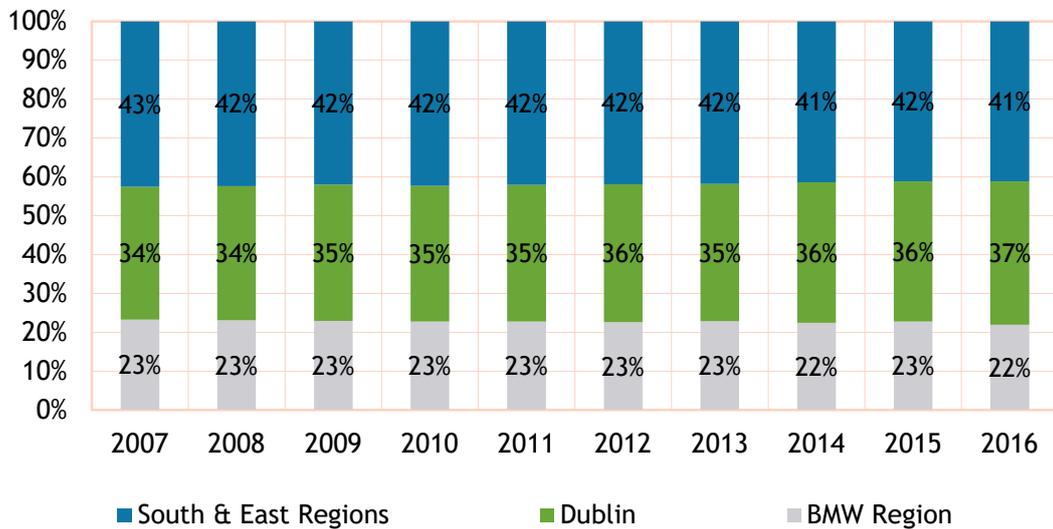


	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Gross Job Gains</b>	11,747	10,383	5,928	10,605	12,777	13,562	11,735	15,023	19,216	17,142
<b>Gross Job Losses</b>	-11,566	-11,784	-19,795	-11,777	-8,546	-7,273	-6,782	-7,589	-8,230	-7,021
<b>Net Job Change</b>	181	-1,401	-13,867	-1,172	4,231	6,289	4,953	7,434	10,986	10,121

- Figure 1.9 provides an overview of gross job gains, job losses and net job change in foreign-owned firms between 2007 and 2016.
- The highest positive net change was recorded in 2015, with 10,986 jobs created. 2016 was the sixth consecutive year of positive net growth in employment for foreign-owned firms recording a net change of 10,121, a decrease of 7.9% since 2015. The highest negative net change was recorded in 2009 with 13,867 jobs lost. In 2011, jobs gains of 12,777 exceeded jobs losses of 8,546, resulting in a net change of 4,231 jobs created and indicating a return to jobs growth for the first time since 2007, following a loss of 16,440 net jobs between 2008 and 2010.
- Over the 10-year period, 2015 was the year that most jobs were created by foreign-owned companies (19,216 jobs). In 2016, gross job gains in foreign-owned companies at 17,142 had decreased by 10.8% since 2015 and increased by 45.9% since 2007.
- In 2013, gross job losses at 6,782 were at their lowest in a decade. In 2016, gross job losses were at the second lowest level, representing a decline of 14.7% since 2015 and of 39.3% since 2007. The highest job losses in the decade at 19,795 were recorded in 2009.

## Chapter 2: Regional Employment Trends 2007-2016

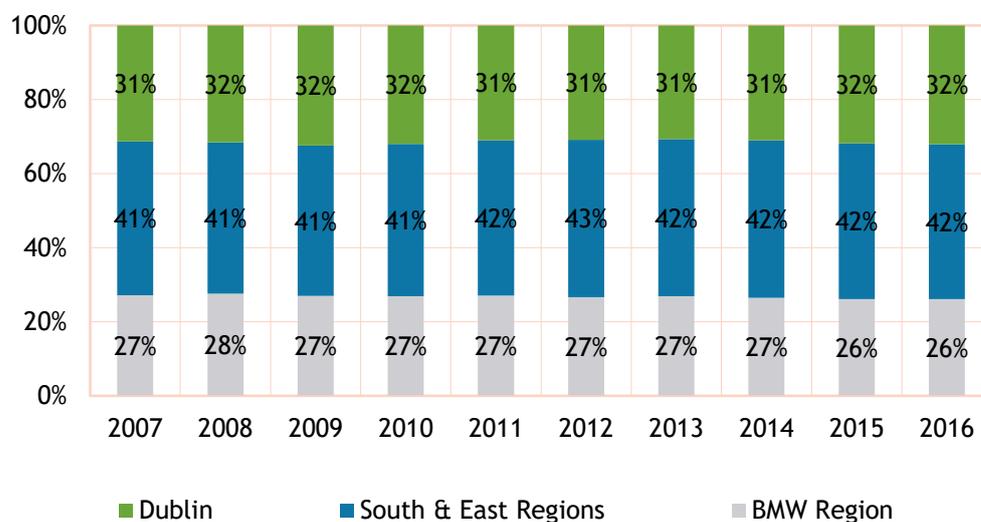
### 2.1 Permanent, Full-time Employment in All Agency-assisted Companies by Region, 2007-2016



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>BMW</b>	75,509	73,497	65,726	63,835	64,862	66,235	68,592	71,715	75,356	79,475
<b>South &amp; East</b>	137,942	134,827	120,087	118,695	119,681	122,650	125,596	132,122	141,876	149,085
<b>Dublin</b>	110,654	109,657	100,817	97,990	99,911	103,984	108,213	115,247	124,180	133,484
<b>All regions</b>	324,105	317,981	286,630	280,520	284,454	292,869	302,401	319,084	341,412	362,044

- The Border, Midlands and West (BMW) region saw an increase of 4,119 jobs (5.5%) from 75,356 jobs in 2015 to 79,475 jobs in 2016. The South and East region saw an increase of 7,209 jobs (5.1%) from 141,876 in 2015 to 149,085 jobs in 2016; Dublin had an increase of 9,304 jobs (7.5%) from 124,180 jobs in 2015 to 133,484 jobs in 2016.
- In 2007, the BMW region accounted for 23.3% of total agency-assisted employment, employing 75,509 people full-time. In 2016, the BMW region accounted for 22.0% of employment and employment in the region had increased by 5.3% to 79,475. The South and East region accounted for a 42.6% share of total employment in 2007 compared with a 41.2% share in 2016, with employment increasing by 11,143 (8.1%) over the period.
- By 2016, the Dublin region accounted for 36.9% of total agency-assisted employment, up from 34.1% in 2007. In absolute terms, employment increased by 22,830 jobs (20.6%) in Dublin over the period. The highest level of employment for the Dublin region over the decade was recorded in 2016.

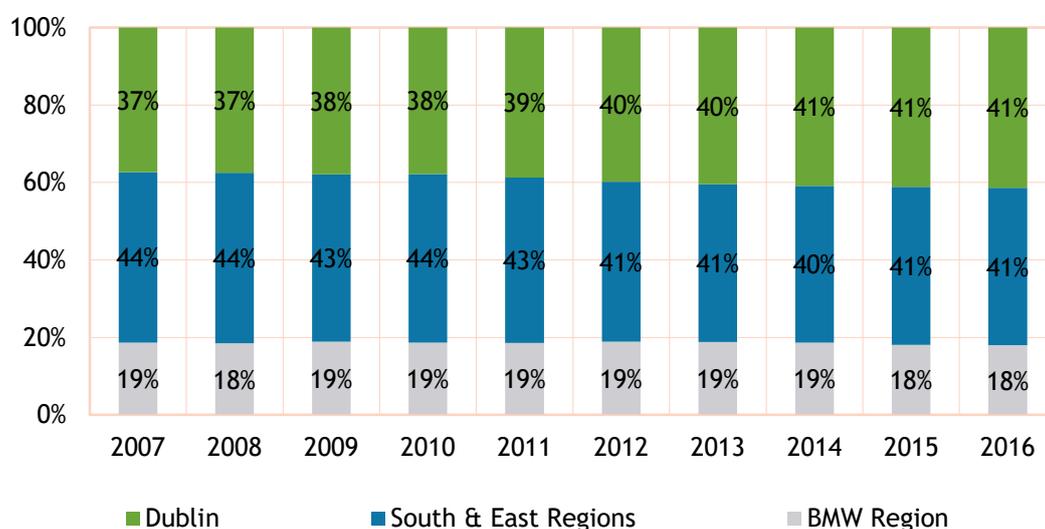
## 2.2 Permanent, Full-time Employment in Irish-owned Agency-assisted Companies by Region, 2007-2016



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>BMW</b>	45,942	44,556	38,649	37,331	37,530	37,441	38,972	40,927	43,606	46,108
<b>South &amp; East</b>	68,385	65,716	58,403	57,006	57,989	59,766	61,606	65,540	70,157	73,592
<b>Dublin</b>	51,579	50,911	46,647	44,424	42,945	43,383	44,591	47,951	51,997	56,571
<b>All regions</b>	165,906	161,183	143,699	138,761	138,464	140,590	145,169	154,418	165,760	176,271

- The BMW region gained 2,502 jobs between 2015 and 2016, an increase of 5.7%. The South & East region gained 3,435 jobs an increase of 4.9%. The Dublin region gained 4,574 jobs, an increase of 8.8% over 2015.
- In 2007, the BMW region accounted for 27.0% of total employment, employing 45,942 full-time staff. In 2016, the BMW region accounted for 26.2% of total employment which had increased by 0.4% to 46,108 compared with 2007. The South and East region accounted for a 41.2% share of total employment in 2007 compared with a 41.7% share in 2016, with employment increasing by 5,207 (7.6%) over the period.
- By 2016, the Dublin region currently accounted for 32.1% of total Irish-owned employment, up from 31.1% in 2007. In absolute terms, employment increased by 4,992 jobs (9.7%) in Dublin over the period.
- Growth in employment was recorded in all regions between 2015 and 2016.

### 2.3 Permanent, Full-time Employment in Foreign-owned Agency-assisted Companies by Region, 2007-2016

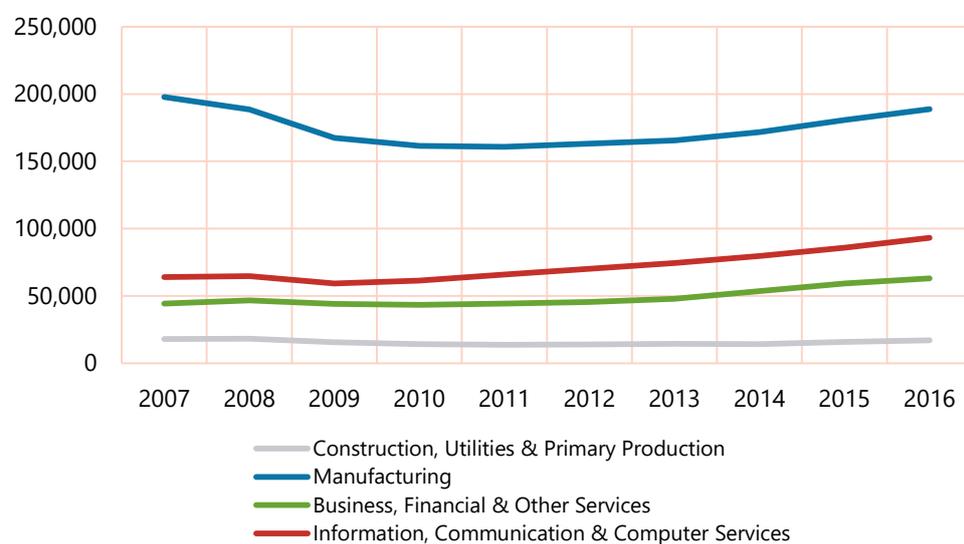


	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>BMW</b>	29,567	28,941	27,077	26,504	27,332	28,794	29,620	30,788	31,750	33,367
<b>South &amp; East</b>	69,557	69,111	61,684	61,689	61,692	62,884	63,990	66,582	71,719	75,493
<b>Dublin</b>	59,075	58,746	54,170	53,566	56,966	60,601	63,622	67,296	72,183	76,913
<b>All regions</b>	158,199	156,798	142,931	141,759	145,990	152,279	157,232	164,666	175,652	185,773

- Trends in permanent, full-time employment in foreign-owned agency-assisted companies are detailed above in figure 2.3. Dublin has seen its share of foreign-owned employment grow from 37.3% in 2007 to 41.4% in 2016. Employment also increased by 17,838 jobs (30.2%) over the 10-year period.
- The BMW region has seen its share of foreign-owned employment fall from 18.7% in 2007 to 18.0% in 2016, although in absolute terms employment increased by 3,800 jobs (12.9%) over the period.
- The South and East region saw its share of foreign-owned employment fall from 44.0% in 2007 to 40.6% in 2016, although employment increased by 5,936 jobs (8.5%) over the period.
- In 2016, employment in foreign-owned firms increased by 5.8% or 10,121 jobs over 2015. Of these 10,121 jobs, 4,730 (47%) were in the Dublin region, 3,774 (37%) were in the South and East regions and 1,617 (16%) in the BMW region.
- Growth in employment was recorded in all regions between 2015 and 2016

## Chapter 3: Sectoral Employment Trends 2007–2016

### 3.1 Sectoral Trends in Permanent, Full-time Employment in All Agency-assisted Companies, 2007-2016

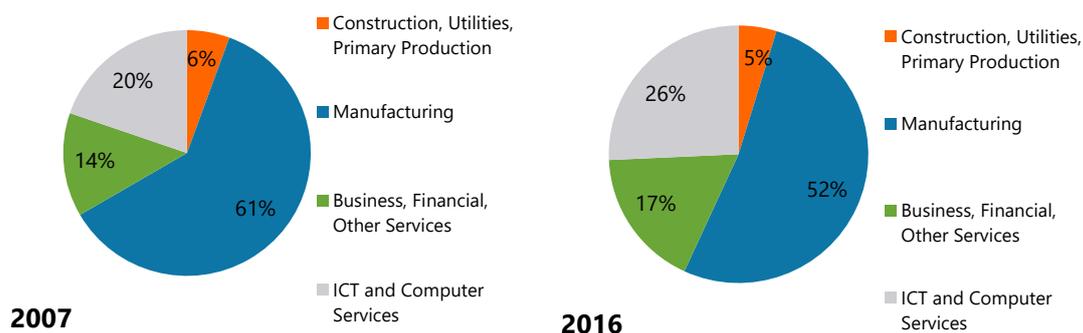


	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Construction, Utilities & Primary Production	18,072	18,098	15,692	14,104	13,637	13,998	14,303	14,085	15,776	17,125
Manufacturing	197,806	188,622	167,407	161,548	160,709	163,118	165,613	171,657	180,713	188,722
<b>Total Industry</b>	<b>215,878</b>	<b>206,720</b>	<b>183,099</b>	<b>175,652</b>	<b>174,346</b>	<b>177,116</b>	<b>179,916</b>	<b>185,742</b>	<b>196,489</b>	<b>205,847</b>
Business, Financial & Other Services	44,256	46,582	44,174	43,415	44,256	45,530	47,970	53,581	59,213	63,095
Information, Communication & Computer Services	63,971	64,679	59,357	61,453	65,852	70,223	74,515	79,761	85,710	93,102
<b>Total Services</b>	<b>108,227</b>	<b>111,261</b>	<b>103,531</b>	<b>104,868</b>	<b>110,108</b>	<b>115,753</b>	<b>122,485</b>	<b>133,342</b>	<b>144,923</b>	<b>156,197</b>
<b>All Sectors</b>	<b>324,105</b>	<b>317,981</b>	<b>286,630</b>	<b>280,520</b>	<b>284,454</b>	<b>292,869</b>	<b>302,401</b>	<b>319,084</b>	<b>341,412</b>	<b>362,044</b>

- Figure 3.1 presents a sectoral breakdown of permanent full-time employment across all agency-assisted companies by broad sector. In 2016, employment increased by 20,632 jobs or 6.0% for all sectors over 2015. The Manufacturing sector accounted for 39% of this increase, creating 8,009 additional jobs.
- All broad sectors presented in Figure 3.1 show increases in full time employment since 2015. In 2016, employment in the Services sectors had increased substantially since 2007, but in Industry employment levels are lower than in 2007.
- By 2016, full-time employment in Industry had increased by 4.8% (9,358 jobs) since 2015, and in Services it had increased by 7.8% (11,274 jobs).

- The Manufacturing sector gained 8,009 jobs since 2015, a rise of 4.4% but the sector has seen a loss of 9,084 jobs, or 4.6% since 2007. The Medical and Dental Instruments and Supplies sector saw a 10.3% increase in full-time employment, or 2,477 additional jobs since 2015. The Chemicals sector saw an increase of 7% over 2015 (an additional 1,685 jobs).
- The Food sector accounts for 23% of employment (43,365 jobs) in the Manufacturing sector in 2016. The Food sector had an increase in employment of 2.6% since 2015 or 1,083 jobs. Since 2007, employment in the Food sector increased by 7% gaining an additional 2,915 jobs.
- The development agencies support enterprises in the Construction, Utilities and Primary Production sectors that are internationally trading, which is a relatively small proportion of these sectors overall, and saw an increase over 2015 of 1,349 jobs. This category of agency-supported internationally trading enterprises has seen employment losses of 947 jobs since 2007, or a decrease of 5.2%.
- Within the Information, Communication and Computer Services sector, the computer consultancy activities sector, the Computer Programming Activities sector had the largest employment growth since 2015, accounting for an additional 2,176 jobs or a 7.7% increase.
- The Business, Financial and Other Services sector also recorded jobs growth of 6.6% or 3,882 jobs between 2015 and 2016. Since 2007, 18,839 jobs were created in this sector, an increase of 42.6%, of which 9,151 of these jobs were created in the Business Services sector. The Financial Services sector showed employment growth of 5.2%, and an additional 1,310 jobs since 2015.

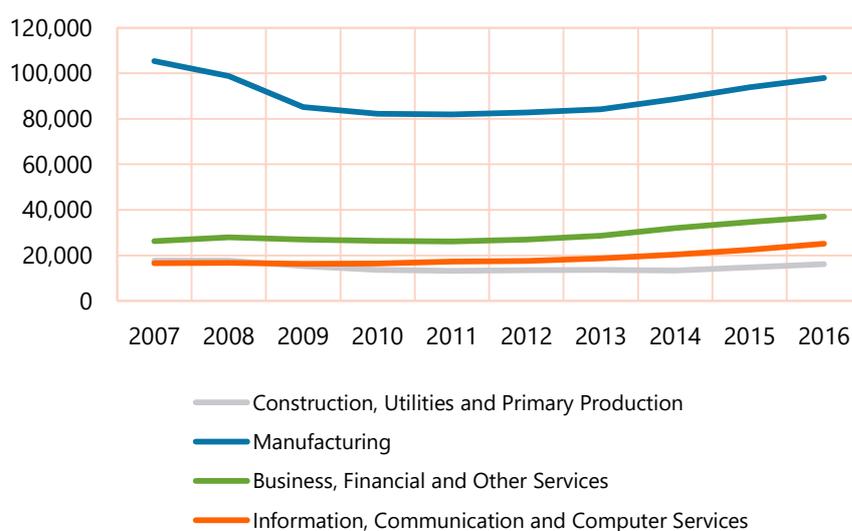
### 3.2 Sectoral Proportions in Permanent, Full-time Employment in All Agency-assisted Companies, 2007-2016



- As a share of total agency-assisted company employment, Manufacturing has fallen from 197,806 in 2007 (61% of total employment) to 188,722 in 2016 (52% of total employment).
- In the Business, Financial and Other Services sector employment rose from 44,256 in 2007 to 63,095 in 2016 and has increased its share of total employment from 14% to 17% over the same period.

- The Information, Communications and Computer Services sector increased its share from 20% in 2007 to 26% in 2016.
- The Construction, Utilities and Primary Production sector saw a small decrease in shares of total employment between 2007 and 2016 of 1%.

### 3.3 Sectoral Trends in Permanent, Full-time Employment in Irish-owned Agency-assisted Companies, 2007-2016

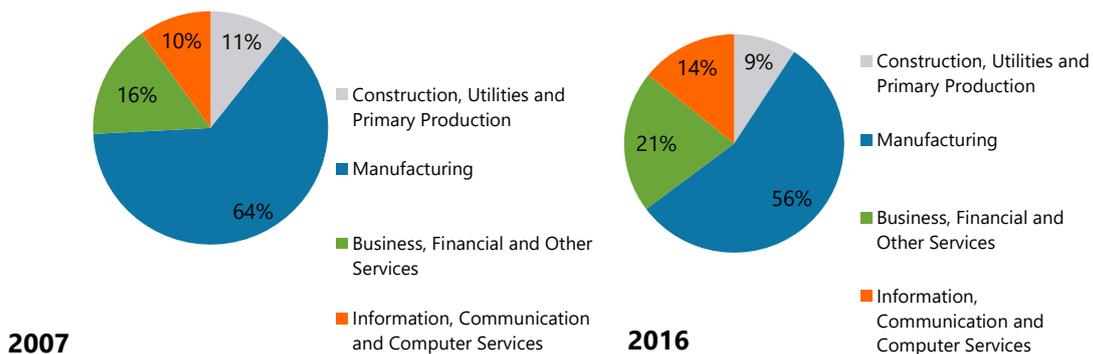


	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Construction, Utilities & Primary Production	17,638	17,705	15,261	13,668	13,144	13,423	13,669	13,369	14,789	16,210
Manufacturing	105,424	98,712	85,184	82,194	81,927	82,710	84,145	88,721	93,838	97,928
<b>Total Industry</b>	<b>123,062</b>	<b>116,417</b>	<b>100,445</b>	<b>95,862</b>	<b>95,071</b>	<b>96,133</b>	<b>97,814</b>	<b>102,090</b>	<b>108,627</b>	<b>114,138</b>
Business, Financial & Other Services	26,275	27,991	27,010	26,420	26,070	26,879	28,622	31,976	34,622	37,043
Information, Communication & Computer Services	16,569	16,775	16,244	16,479	17,323	17,578	18,733	20,352	22,511	25,090
<b>Total Services</b>	<b>42,844</b>	<b>44,766</b>	<b>43,254</b>	<b>42,899</b>	<b>43,393</b>	<b>44,457</b>	<b>47,355</b>	<b>52,328</b>	<b>57,133</b>	<b>62,133</b>
<b>All Sectors</b>	<b>165,906</b>	<b>161,183</b>	<b>143,699</b>	<b>138,761</b>	<b>138,464</b>	<b>140,590</b>	<b>145,169</b>	<b>154,418</b>	<b>165,760</b>	<b>176,271</b>

- Figure 3.3 presents a sectoral breakdown of permanent full-time employment across Irish-owned companies by broad sector. In 2016, employment increased by 10,511 jobs or 6.3% for all sectors over 2015.

- Manufacturing jobs increased by 4,090 since 2015, up 4.4% and 31% of these additional jobs were created in the Food sector. Since 2007, however, the Manufacturing sector has seen a loss of 7,496 jobs.
- The Business, Financial and Other Services sector saw growth of 7% in employment, or 2,421 jobs since 2015. Over the 10-year period this sector saw employment growth of 41% or 10,768 jobs, with the Business Services sector accounting for 7,457 (or 69%) of those jobs.
- The Information, Communication and Computer Services sector created 2,579 additional jobs since 2015, up 11.5%.
- Employment in the Construction, Utilities and Primary Production sector increased by 1,421 jobs (9.6%) between 2015 and 2016.

### 3.4 Sectoral Proportions in Permanent, Full-time Employment in Irish-owned Agency-assisted Companies, 2007-2016



- As a share of total Irish-owned company employment, Manufacturing fell from 105,424 in 2007 (64% of total employment) to 97,928 in 2016 (56% of total employment).
- The Business, Financial and Other Services sector saw its share increase from 16% to 21% between 2007 and 2016. Employment in this sector increased from 26,275 in 2007 to 37,043 in 2016.
- The Information, Communications and Computer Services sector also increased their share of total employment from 10% in 2007 to 14% in 2016 with numbers employed increasing from 16,569 in 2007 to 25,090 in 2016.
- The Construction, Utilities and Primary Production sectors saw a small decrease of 2% in its share of total employment between 2007 and 2016.

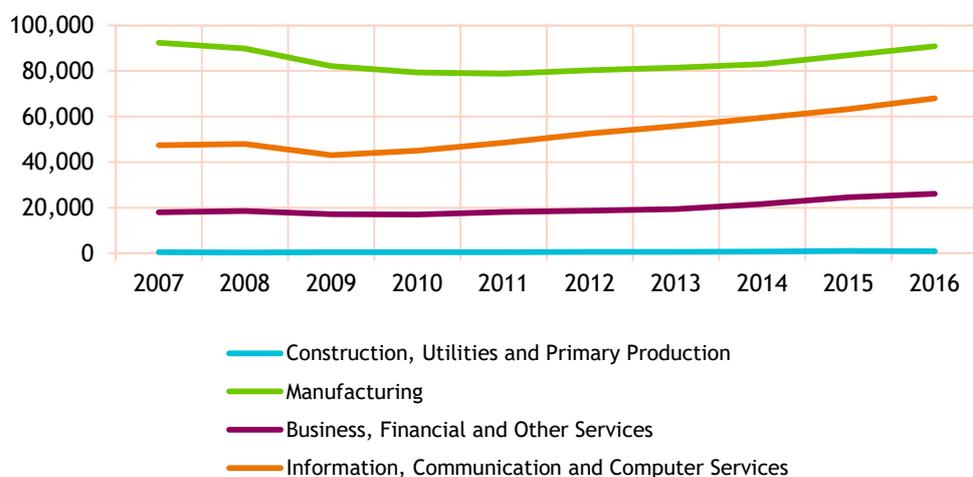
### 3.5 Sectoral Analysis of Permanent, Full-time Employment in Industry and Services in Irish-owned Agency-assisted Companies, 2016

Irish-owned	2016 Full-time jobs	2016 Full-time gains	2016 Full-time losses	2016 Full-time change	2015-2016 Full-time % Change
<b>Manufacturing</b>	<b>110,426</b>	<b>8,910</b>	<b>3,398</b>	<b>5,512</b>	<b>5.3%</b>
Basic & Fabricated Metal Products	10,223	1,109	356	753	8.0%
Chemicals	2,983	242	82	160	5.7%
Clothing, Footwear & Leather	1,195	71	47	24	2.0%
Computer, Electronic & Optical Equipment	3,667	309	134	175	5.0%
Drink & Tobacco	2,006	147	37	110	5.8%
Electrical Equipment	3,518	365	211	154	4.6%
Food	38,802	2,276	998	1,278	3.4%
Machinery & Equipment	7,611	502	461	41	0.5%
Medical & dental instruments & supplies	2,174	364	41	323	17.5%
Miscellaneous Manufacturing	4,194	282	247	35	0.8%
Non-Metallic Minerals	5,723	525	68	457	8.7%
Paper & Printing	4,337	166	96	70	1.6%
Rubber & Plastics	4,111	255	126	129	3.2%
Textiles	1,164	70	36	34	3.0%
Transport Equipment	1,708	90	49	41	2.5%
Wood & Wood Products	4,512	390	84	306	7.3%
Construction, Energy, Water & Waste	12,498	1,747	325	1,422	12.8%
<b>Primary Production</b>	<b>3,712</b>	<b>127</b>	<b>128</b>	<b>-1</b>	<b>0.0%</b>
Agriculture, Fishing & Forestry	2,238	41	79	-38	-1.7%
Mining & Quarrying	1,474	86	49	37	2.6%
<b>Services</b>	<b>62,133</b>	<b>7,515</b>	<b>2,515</b>	<b>5,000</b>	<b>8.8%</b>
Business Services	22,287	2,557	887	1,670	8.1%
Financial Services	4,667	510	86	424	10.0%

Irish-owned	2016 Full-time jobs	2016 Full-time gains	2016 Full-time losses	2016 Full-time change	2015-2016 Full-time % Change
Computer Consultancy & Computer Facilities Management Activities	12,925	1,848	492	1,356	11.7%
Computer programming Activities	1,389	477	79	398	40.2%
Other Information & Communication	7,706	897	369	528	7.4%
Other Information Technology & Computer Service Activities	3,070	505	208	297	10.7%
Other Services	10,089	721	394	327	3.3%
<b>Total</b>	<b>176,271</b>	<b>16,552</b>	<b>6,041</b>	<b>10,511</b>	<b>6.3%</b>

- Table 3.5 provides a sectoral analysis of permanent, full-time employment for Irish-owned firms in 2016 along with job gains and losses over the corresponding 2015 figures. It also provides net percentage change in employment between 2015 and 2016.
- From table 3.5 we can see that the majority (62.6%) of Irish-owned employment continues to be found in the Manufacturing sectors. This sector has seen the loss of 3,398 jobs in 2016, with job gains of 8,910 resulting in a net gain of 5,512 jobs.
- The only sectors with a negative net change in the Industry sector (Manufacturing and Primary Production) was in the Agriculture, Fishing and Forestry sector (-38 jobs).
- The sectors with the highest positive net change were Construction, Energy, Water and Waste (1,422 jobs), Basic and Fabricated Metal Products (753 jobs) and Non-metallic Minerals (457 jobs). The Medical and Dental Instruments and Supplies sector had a net increase of 17.5% in employment equating to 323 additional jobs and the highest proportional net change in 2016.
- The Services sectors account for 35% of Irish agency-assisted employment. This sector created 7,515 jobs in 2016 and recorded job losses of 2,515, resulting in a net gain of 5,000 jobs (8.8%).
- The sectors with the highest positive net change in absolute terms were Business Services (1,670 jobs) and Computer Consultancy Activities and Computer Facilities Management Activities (1,356 jobs). All the Services sectors showed a positive net change in 2016 over 2015.

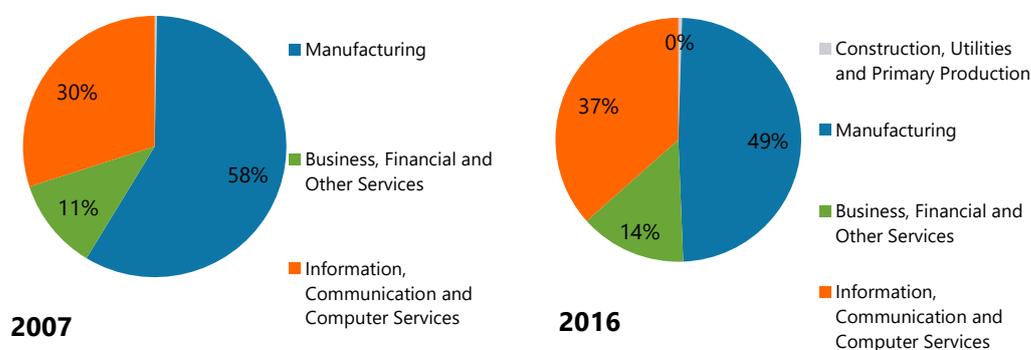
### 3.6 Sectoral Trends in Permanent, Full-time Employment in Foreign-owned Agency-assisted Companies, 2007-2016



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Manufacturing	92,816	90,303	82,654	79,790	79,275	80,983	82,102	83,652	87,862	91,709
Business, Financial & Other Services	17,981	18,591	17,164	16,995	18,186	18,651	19,348	21,605	24,591	26,052
Information, Communication & Computer Services	47,402	47,904	43,113	44,974	48,529	52,645	55,782	59,409	63,199	68,012
Total Services	65,383	66,495	60,277	61,969	66,715	71,296	75,130	81,014	87,790	94,064
All sectors	158,199	156,798	142,931	141,759	145,990	152,279	157,232	164,666	175,652	185,773

- Figure 3.6 and the accompanying table present a sectoral analysis of employment in foreign-owned Manufacturing and Services companies.
- Greater numbers were employed in the Services sector in 2016 than in the Manufacturing sector.
- Manufacturing saw the greatest job losses in foreign-owned employment in the period 2007 to 2016. Foreign companies in this sector shed 1,107 jobs in this period, a reduction of 1.2%.
- The Services sectors saw more buoyant employment numbers over the period 2007 to 2016. The Information, Communication and Computer Services sector saw a substantial increase going from 47,402 employed in 2007 to 68,013 in 2016. The Business, Financial and Other Services sector also had a good decade with an increase of 44.9% over 2007.
- Foreign-owned companies employ a negligible number of employees in Construction, Utilities and Primary Production.

### 3.7 Sectoral Proportions in Permanent, Full-time Employment in Foreign-owned Agency-assisted Companies, 2007-2016



- Figure 3.7 depicts the proportion of employment in Foreign-owned client companies for each sector in 2007 and in 2016.
- Notable are the reduced share of Manufacturing jobs moving from 58% in 2007 to 49% in 2016 and the increases in the Services sectors.
- The Information, Communication and Computer Services sectors now represent 37% of total employment compared with 30% in 2007. Similarly, the Business, Financial and Other Services sectors have increased their share to 14% in 2016 from 11% in 2007.
- Construction, Utilities and Primary Production employment shares have negligible proportions.

### 3.8 Sectoral Analysis of Permanent Full-time Employment in Industry and Services in Foreign-owned Agency-assisted Companies, 2016

Foreign-owned	2016 Full-time jobs	2016 Full-time gains	2016 Full-time losses	2016 Full-time change	2015-2016 Full-time % Change
<b>Manufacturing</b>	<b>91,709</b>	<b>7,379</b>	<b>3,532</b>	<b>3,847</b>	<b>4.4%</b>
Basic and Fabricated Metal Products	1,890	33	90	-57	-2.9%
Chemicals	22,920	2,561	1,036	1,525	7.1%
Textiles, Clothing, Footwear and Leather	92	4	19	-15	-14.0%
Computer, Electronic and Optical Equipment	18,780	841	584	257	1.4%
Drink and Tobacco	2,051	27	132	-105	-4.9%
Electrical Equipment	1,985	120	62	58	3.0%
Food	4,563	161	356	-195	-4.1%
Machinery and Equipment	4,272	417	372	45	1.1%
Medical and dental instruments and supplies	24,366	2,767	613	2,154	9.7%

Foreign-owned	2016 Full-time jobs	2016 Full-time gains	2016 Full-time losses	2016 Full-time change	2015-2016 Full-time % Change
Miscellaneous Manufacturing and Agriculture, Fishing and Forestry	1,691	38	62	-24	-1.4%
Non-Metallic Minerals	698	19	27	-8	-1.1%
Paper and Printing	1,211	22	6	16	1.3%
Rubber and Plastics	3,405	213	27	186	5.8%
Transport Equipment	2,845	149	99	50	1.8%
Construction, Energy, Water and Waste and Wood and Wood Products	940	7	47	-40	-4.1%
<b>Services</b>	<b>94,064</b>	<b>9,763</b>	<b>3,489</b>	<b>6,274</b>	<b>7.1%</b>
Business Services	2,598	536	46	490	23.2%
Financial Services	22,060	1,689	803	886	4.2%
Computer consultancy activities	17,814	1,679	699	980	5.8%
Computer facilities management activities	11,529	1,194	461	733	6.8%
Computer programming activities	27,399	2,473	1,107	1,366	5.2%
Other Information and Communication	2,192	595	34	561	34.4%
Other information technology and computer service activities	9,078	1,472	299	1,173	14.8%
Other Services	1,394	125	40	85	6.5%
<b>Total - Foreign</b>	<b>185,773</b>	<b>17,142</b>	<b>7,021</b>	<b>10,121</b>	<b>5.8%</b>

- Table 3.8 presents the sectoral composition of permanent full-time jobs, job gains and losses and net employment change in foreign-owned agency-assisted companies in 2016.
- Within Manufacturing, employment grew overall by 3,878 jobs to 91,408 jobs, an increase of 4.4% over 2015. Job losses in Manufacturing of 3,498 were outnumbered by job gains of 7,376.
- Net increases in employment in the Manufacturing sectors were driven by the Medical and Dental Instruments and Supplies sector (2,154 jobs; 9.7%) and the chemicals sector (1,525 jobs; 7.1%). The sectors with the largest net losses were Food (-195 jobs; -4.1%) and Drink and Tobacco (-105 jobs; -4.9%).
- Within the Services sector, employment grew overall by 6,274 jobs over 2015 (7.1%) to 94,064 jobs. Key drivers of this overall increase included a 5.2% (1,336 jobs) net growth in the number employed in the Computer Programming Activities sector.
- The Services sector with the largest number of employees is the Computer Programming Activities sector. This sector employed 27,399 people in 2016, followed by financial Services with 22,064 employees.

# Annual Employment Survey 2016

## Appendix

## Appendix A: Agency-assisted Employment by Sector, 2007-2016

### A1 All Companies - Total Employment by Sector, 2007-2016

Total Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>Manufacturing &amp; Other Industry</b>	<b>234,233</b>	<b>222,471</b>	<b>198,551</b>	<b>193,662</b>	<b>193,629</b>	<b>196,260</b>	<b>200,773</b>	<b>206,933</b>	<b>218,354</b>	<b>227,736</b>	<b>4.3%</b>	<b>-2.8%</b>
Basic and Fabricated Metal Products	15,780	14,439	11,439	10,721	10,904	10,540	10,893	11,783	12,453	13,098	5.2%	-17.0%
Chemicals	26,613	26,148	24,606	24,508	24,431	24,862	25,378	25,744	27,831	29,826	7.2%	12.1%
Clothing, Footwear and Leather and Textiles	4,476	4,020	3,366	3,199	3,039	2,858	2,866	2,865	2,945	2,968	0.8%	-33.7%
Computer, Electronic and Optical Equipment	23,457	22,212	19,461	19,480	19,485	19,890	20,856	21,896	24,353	24,308	-0.2%	3.6%
Construction, Energy, Water and Waste and Wood and Wood Products	21,665	20,291	17,259	15,786	14,984	15,186	15,749	15,826	17,336	19,184	10.7%	-11.5%
Drink and Tobacco	6,660	6,734	6,756	6,226	5,412	5,160	4,772	4,539	4,476	4,539	1.4%	-31.8%
Electrical Equipment	7,421	6,776	5,748	5,440	5,104	5,520	5,695	5,725	5,734	5,962	4.0%	-19.7%
Food	44,094	42,708	40,670	41,355	41,925	43,112	44,302	46,202	48,172	49,483	2.7%	12.2%
Machinery and Equipment	12,880	12,063	10,280	10,250	10,609	10,932	11,324	11,871	12,613	12,660	0.4%	-1.7%
Medical and dental instruments and supplies	24,226	23,710	23,948	23,849	25,202	26,150	26,361	27,559	27,994	30,095	7.5%	24.2%
Miscellaneous Manufacturing and Agriculture, Fisheries and Forestry	12,370	11,112	9,549	9,039	8,849	8,756	8,529	8,679	9,201	9,302	1.1%	-24.8%
Non-Metallic Minerals	11,718	10,417	7,096	6,382	6,333	5,703	6,111	6,230	6,673	7,192	7.8%	-38.6%
Paper and Printing	7,720	7,277	6,882	6,338	6,082	6,183	5,870	5,919	5,879	5,980	1.7%	-22.5%
Rubber and Plastics	8,745	8,357	7,217	6,943	6,903	6,948	7,246	7,442	7,872	8,183	4.0%	-6.4%
Transport Equipment	6,408	6,207	4,274	4,146	4,367	4,460	4,821	4,653	4,822	4,956	2.8%	-22.7%
<b>Mining and Quarrying</b>	<b>1,982</b>	<b>1,896</b>	<b>1,779</b>	<b>1,777</b>	<b>1,775</b>	<b>1,662</b>	<b>1,747</b>	<b>1,898</b>	<b>1,935</b>	<b>1,970</b>	<b>1.8%</b>	<b>-0.6%</b>
Mining and Quarrying	1,982	1,896	1,779	1,777	1,775	1,662	1,747	1,898	1,935	1,970	1.8%	-0.6%
<b>Services</b>	<b>124,086</b>	<b>125,694</b>	<b>117,627</b>	<b>120,819</b>	<b>126,836</b>	<b>133,246</b>	<b>142,145</b>	<b>154,083</b>	<b>167,690</b>	<b>179,335</b>	<b>6.9%</b>	<b>44.5%</b>
Business Services	18,247	19,360	18,438	18,525	18,863	19,348	21,257	26,271	29,572	31,330	5.9%	71.7%
Computer consultancy activities	30,820	29,557	25,235	26,108	27,616	28,215	29,797	31,037	31,901	33,634	5.4%	9.1%
Computer facilities management activities	8,953	8,584	8,092	8,362	8,960	10,286	10,791	10,848	11,747	12,973	10.4%	44.9%
Computer programming activities	21,279	22,153	20,970	21,423	22,830	25,564	27,108	27,780	29,385	31,095	5.8%	46.1%
Financial Services	20,670	21,788	20,800	20,983	21,842	22,095	22,822	24,578	27,882	29,240	4.9%	41.5%
Other Information and Communication	6,802	7,102	7,239	7,380	7,820	8,114	8,644	9,335	10,766	12,210	13.4%	79.5%
Other information technology and computer service activities	4,893	5,348	5,418	6,668	7,455	7,967	9,643	10,942	12,094	13,871	14.7%	183.5%
Other Services	12,422	11,802	11,435	11,370	11,450	11,657	12,083	13,292	14,343	14,982	4.5%	20.6%
<b>Total - All Sectors</b>	<b>360,301</b>	<b>350,061</b>	<b>317,957</b>	<b>316,258</b>	<b>322,240</b>	<b>331,168</b>	<b>344,665</b>	<b>362,914</b>	<b>387,979</b>	<b>409,041</b>	<b>5.4%</b>	<b>13.5%</b>

## A2 All Companies - Permanent, Full-time Employment by Sector, 2007-2016

Permanent, Full-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>Manufacturing &amp; Other Industry</b>	<b>214,051</b>	<b>204,993</b>	<b>181,551</b>	<b>174,172</b>	<b>172,863</b>	<b>175,657</b>	<b>178,521</b>	<b>184,330</b>	<b>195,052</b>	<b>204,373</b>	<b>4.8%</b>	<b>-4.5%</b>
Basic and Fabricated Metal Products	15,061	13,678	10,691	9,826	9,952	9,629	9,978	10,891	11,417	12,113	6.1%	-19.6%
Chemicals	24,085	23,768	22,256	21,807	21,410	21,818	22,220	22,433	24,218	25,903	7.0%	7.5%
Clothing, Footwear and Leather and Textiles	3,777	3,402	2,698	2,535	2,401	2,296	2,322	2,307	2,408	2,451	1.8%	-35.1%
Computer, Electronic and Optical Equipment	21,186	20,258	18,239	17,468	17,375	18,019	18,827	19,880	22,015	22,447	2.0%	6.0%
Construction, Energy, Water and Waste and Wood and Wood Products	20,849	19,592	16,439	14,852	14,089	14,293	14,475	14,415	16,262	17,950	10.4%	-13.9%
Drink and Tobacco	5,985	6,067	5,834	5,247	4,885	4,840	4,378	4,110	4,052	4,057	0.1%	-32.2%
Electrical Equipment	6,899	6,299	5,335	4,806	4,400	4,864	5,145	5,282	5,291	5,503	4.0%	-20.2%
Food	40,450	39,125	36,969	37,136	37,388	38,465	38,826	40,505	42,282	43,365	2.6%	7.2%
Machinery and Equipment	12,015	11,471	9,504	9,326	9,705	10,081	10,498	10,966	11,797	11,883	0.7%	-1.1%
Medical and dental instruments and supplies	20,829	21,051	21,518	21,545	22,040	22,495	22,529	24,073	24,063	26,540	10.3%	27.4%
Miscellaneous Manufacturing and Agriculture, Fisheries and Forestry	10,437	9,800	8,417	7,906	7,741	7,664	7,530	7,677	8,150	8,123	-0.3%	-22.2%
Non-Metallic Minerals	10,912	9,918	6,593	5,662	5,590	5,073	5,460	5,456	5,972	6,421	7.5%	-41.2%
Paper and Printing	7,213	6,801	6,419	5,816	5,531	5,644	5,365	5,422	5,462	5,548	1.6%	-23.1%
Rubber and Plastics	8,173	7,791	6,610	6,397	6,237	6,335	6,571	6,712	7,201	7,516	4.4%	-8.0%
Transport Equipment	6,180	5,972	4,029	3,843	4,119	4,141	4,397	4,201	4,462	4,553	2.0%	-26.3%
<b>Mining and Quarrying</b>	<b>1,827</b>	<b>1,727</b>	<b>1,548</b>	<b>1,480</b>	<b>1,483</b>	<b>1,459</b>	<b>1,395</b>	<b>1,412</b>	<b>1,437</b>	<b>1,474</b>	<b>2.6%</b>	<b>-19.3%</b>
Mining and Quarrying	1,827	1,727	1,548	1,480	1,483	1,459	1,395	1,412	1,437	1,474	2.6%	-19.3%
<b>Services</b>	<b>108,227</b>	<b>111,261</b>	<b>103,531</b>	<b>104,868</b>	<b>110,108</b>	<b>115,753</b>	<b>122,485</b>	<b>133,342</b>	<b>144,923</b>	<b>156,197</b>	<b>7.8%</b>	<b>44.3%</b>
Business Services	15,734	16,637	15,550	14,851	15,029	15,810	17,328	20,481	22,725	24,885	9.5%	58.2%
Computer consultancy activities	26,928	26,813	22,963	23,568	24,404	24,755	25,751	27,406	28,283	30,459	7.7%	13.1%
Computer facilities management activities	8,460	8,004	7,546	7,740	8,086	9,358	9,726	9,762	10,916	11,809	8.2%	39.6%
Computer programming activities	18,801	19,377	18,093	18,419	20,418	22,476	23,688	25,333	27,024	28,788	6.5%	53.1%
Financial Services	19,461	20,443	19,493	19,443	20,180	20,590	21,176	22,760	25,417	26,727	5.2%	37.3%
Other Information and Communication	5,574	5,801	5,948	6,140	6,334	6,524	7,005	7,671	8,809	9,898	12.4%	77.6%
Other information technology and computer service activities	4,208	4,684	4,807	5,586	6,610	7,110	8,345	9,589	10,678	12,148	13.8%	188.7%
Other Services	9,061	9,502	9,131	9,121	9,047	9,130	9,466	10,340	11,071	11,483	3.7%	26.7%
<b>Total - All Sectors</b>	<b>324,105</b>	<b>317,981</b>	<b>286,630</b>	<b>280,520</b>	<b>284,454</b>	<b>292,869</b>	<b>302,401</b>	<b>319,084</b>	<b>341,412</b>	<b>362,044</b>	<b>6.0%</b>	<b>11.7%</b>

## A3 All Companies - Part-time, Temporary and Short-term Contract Employment by Sector, 2007-2016

Temporary, Part-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>Manufacturing &amp; Other Industry</b>	<b>20,182</b>	<b>17,478</b>	<b>17,000</b>	<b>19,490</b>	<b>20,766</b>	<b>20,603</b>	<b>22,252</b>	<b>22,603</b>	<b>23,302</b>	<b>23,363</b>	<b>0.3%</b>	<b>15.8%</b>
Basic and Fabricated Metal Products	719	761	748	895	952	911	915	892	1,036	985	-4.9%	37.0%
Chemicals	2,528	2,380	2,350	2,701	3,021	3,044	3,158	3,311	3,613	3,923	8.6%	55.2%
Clothing, Footwear and Leather and Textiles	699	618	668	664	638	562	544	558	537	517	-3.7%	-26.0%
Computer, Electronic and Optical Equipment	2,271	1,954	1,222	2,012	2,110	1,871	2,029	2,016	2,338	1,861	-20.4%	-18.1%
Construction, Energy, Water and Waste and Wood and Wood Products	816	699	820	934	895	893	1,274	1,411	1,074	1,234	14.9%	51.2%
Drink and Tobacco	675	667	922	979	527	320	394	429	424	482	13.7%	-28.6%
Electrical Equipment	522	477	413	634	704	656	550	443	443	459	3.6%	-12.1%
Food	3,644	3,583	3,701	4,219	4,537	4,647	5,476	5,697	5,890	6,118	3.9%	67.9%
Machinery and Equipment	865	592	776	924	904	851	826	905	816	777	-4.8%	-10.2%
Medical and dental instruments and supplies	3,397	2,659	2,430	2,304	3,162	3,655	3,832	3,486	3,931	3,555	-9.6%	4.7%
Miscellaneous Manufacturing and Agriculture, Fisheries and Forestry	1,933	1,312	1,132	1,133	1,108	1,092	999	1,002	1,051	1,179	12.2%	-39.0%
Non-Metallic Minerals	806	499	503	720	743	630	651	774	701	771	10.0%	-4.3%
Paper and Printing	507	476	463	522	551	539	505	497	417	432	3.6%	-14.8%
Rubber and Plastics	572	566	607	546	666	613	675	730	671	667	-0.6%	16.6%
Transport Equipment	228	235	245	303	248	319	424	452	360	403	11.9%	76.8%
<b>Mining and Quarrying</b>	<b>155</b>	<b>169</b>	<b>231</b>	<b>297</b>	<b>292</b>	<b>203</b>	<b>352</b>	<b>486</b>	<b>498</b>	<b>496</b>	<b>-0.4%</b>	<b>220.0%</b>
Mining and Quarrying	155	169	231	297	292	203	352	486	498	496	-0.4%	220.0%
<b>Services</b>	<b>15,859</b>	<b>14,433</b>	<b>14,096</b>	<b>15,951</b>	<b>16,728</b>	<b>17,493</b>	<b>19,660</b>	<b>20,741</b>	<b>22,767</b>	<b>23,138</b>	<b>1.6%</b>	<b>45.9%</b>
Business Services	2,513	2,723	2,888	3,674	3,834	3,538	3,929	5,790	6,847	6,445	-5.9%	156.5%
Computer consultancy activities	3,892	2,744	2,272	2,540	3,212	3,460	4,046	3,631	3,618	3,175	-12.2%	-18.4%
Computer facilities management activities	493	580	546	622	874	928	1,065	1,086	831	1,164	40.1%	136.1%
Computer programming activities	2,478	2,776	2,877	3,004	2,412	3,088	3,420	2,447	2,361	2,307	-2.3%	-6.9%
Financial Services	1,209	1,345	1,307	1,540	1,662	1,505	1,646	1,818	2,465	2,513	1.9%	107.9%
Other Information and Communication	1,228	1,301	1,291	1,240	1,486	1,590	1,639	1,664	1,957	2,312	18.1%	88.3%
Other information technology and computer service activities	685	664	611	1,082	845	857	1,298	1,353	1,416	1,723	21.7%	151.5%
Other Services	3,361	2,300	2,304	2,249	2,403	2,527	2,617	2,952	3,272	3,499	6.9%	4.1%
<b>Total - All Sectors</b>	<b>36,196</b>	<b>32,080</b>	<b>31,327</b>	<b>35,738</b>	<b>37,786</b>	<b>38,299</b>	<b>42,264</b>	<b>43,830</b>	<b>46,567</b>	<b>46,997</b>	<b>0.9%</b>	<b>29.8%</b>

## A4 Irish-owned Companies - Total Employment by Sector, 2007-2016

Total Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>Manufacturing &amp; Other Industry</b>	<b>127,600</b>	<b>120,663</b>	<b>105,733</b>	<b>102,255</b>	<b>101,712</b>	<b>102,550</b>	<b>105,261</b>	<b>109,981</b>	<b>116,328</b>	<b>122,403</b>	<b>5.2%</b>	<b>-4.1%</b>
Basic and Fabricated Metal Products	13,266	12,032	9,412	8,606	8,858	8,516	8,866	9,744	10,409	11,136	7.0%	-16.1%
Chemicals	2,955	2,985	2,893	2,879	2,894	3,040	3,141	3,174	3,316	3,502	5.6%	18.5%
Clothing, Footwear and Leather	2,039	1,787	1,709	1,599	1,573	1,494	1,464	1,430	1,455	1,468	0.9%	-28.0%
Computer, Electronic and Optical Equipment	4,396	4,222	3,963	3,574	3,339	3,457	3,459	3,694	3,832	4,041	5.5%	-8.1%
Construction, Energy, Water and Waste	14,001	14,135	12,069	10,762	10,104	10,425	10,950	10,760	11,782	13,310	13.0%	-4.9%
Drink and Tobacco	3,225	3,310	3,055	2,780	2,573	2,422	2,133	2,037	2,124	2,332	9.8%	-27.7%
Electrical Equipment	3,380	3,215	2,920	2,911	2,815	3,020	3,148	3,505	3,641	3,802	4.4%	12.5%
Food	37,913	36,768	34,889	35,740	36,293	37,618	38,789	40,958	42,788	44,241	3.4%	16.7%
Machinery and Equipment	7,870	7,329	6,293	6,251	6,504	6,712	7,055	7,466	8,056	8,052	0.0%	2.3%
Medical and dental instruments and supplies	781	839	939	1,216	1,366	1,413	1,483	1,694	1,916	2,251	17.5%	188.2%
Miscellaneous Manufacturing	7,003	6,265	5,100	4,751	4,621	4,322	4,115	4,243	4,649	4,830	3.9%	-31.0%
Non-Metallic Minerals	9,796	8,836	5,949	5,398	5,389	4,936	5,249	5,369	5,771	6,230	8.0%	-36.4%
Paper and Printing	5,911	5,432	5,250	4,957	4,903	4,845	4,607	4,671	4,641	4,730	1.9%	-20.0%
Rubber and Plastics	5,073	4,869	4,221	3,979	3,733	3,733	3,955	4,118	4,284	4,411	3.0%	-13.0%
Textiles	1,736	1,584	1,371	1,352	1,290	1,231	1,272	1,312	1,373	1,394	1.5%	-19.7%
Transport Equipment	1,477	1,674	1,302	1,247	1,366	1,381	1,515	1,597	1,780	1,821	2.3%	23.3%
Wood and Wood Products	6,778	5,381	4,398	4,253	4,091	3,985	4,060	4,209	4,511	4,852	7.6%	-28.4%
<b>Primary Production</b>	<b>5,298</b>	<b>4,660</b>	<b>4,184</b>	<b>4,074</b>	<b>4,150</b>	<b>4,082</b>	<b>4,277</b>	<b>4,420</b>	<b>4,478</b>	<b>4,465</b>	<b>-0.3%</b>	<b>-15.7%</b>
Agriculture, Fishing and Forestry	3,316	2,764	2,405	2,297	2,375	2,420	2,530	2,522	2,543	2,495	-1.9%	-24.8%
Mining and Quarrying	1,982	1,896	1,779	1,777	1,775	1,662	1,747	1,898	1,935	1,970	1.8%	-0.6%
<b>Services</b>	<b>51,578</b>	<b>53,026</b>	<b>51,523</b>	<b>52,156</b>	<b>53,238</b>	<b>54,187</b>	<b>57,880</b>	<b>65,035</b>	<b>71,634</b>	<b>76,697</b>	<b>7.1%</b>	<b>48.7%</b>
Business Services	17,217	18,301	17,725	17,799	17,975	18,404	20,061	24,487	27,265	28,547	4.7%	65.8%
Computer consultancy activities	11,084	10,873	9,808	9,687	10,080	10,480	11,121	11,790	12,912	14,069	9.0%	26.9%
Computer facilities management activities	2	26	28	40	42	51	67	73	137	299	118.2%	14850.0%
Computer programming activities	232	328	384	551	663	777	917	1,002	1,195	1,571	31.5%	577.2%
Financial Services	3,324	3,884	3,940	4,144	3,813	3,817	4,115	4,373	4,932	5,335	8.2%	60.5%
Other Information and Communication	6,264	6,435	6,604	6,671	7,096	7,376	7,773	8,209	9,048	9,933	9.8%	58.6%
Other information technology and computer service activities	1,656	1,991	2,218	2,540	2,781	2,252	2,465	2,895	3,210	3,519	9.6%	112.5%
Other Services	11,799	11,188	10,816	10,724	10,788	11,030	11,361	12,206	12,935	13,424	3.8%	13.8%
<b>Total - All Sectors</b>	<b>184,476</b>	<b>178,349</b>	<b>161,440</b>	<b>158,485</b>	<b>159,100</b>	<b>160,819</b>	<b>167,418</b>	<b>179,436</b>	<b>192,440</b>	<b>203,565</b>	<b>5.8%</b>	<b>10.3%</b>

## A5 Irish-owned Companies - Permanent, Full-time Employment by Sector, 2007-2016

Permanent, Full-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>Manufacturing &amp; Other Industry</b>	<b>119,117</b>	<b>112,507</b>	<b>96,841</b>	<b>92,408</b>	<b>91,498</b>	<b>92,579</b>	<b>94,172</b>	<b>98,462</b>	<b>104,914</b>	<b>110,426</b>	<b>5.3%</b>	<b>-7.3%</b>
Basic and Fabricated Metal Products	12,722	11,415	8,722	7,823	8,044	7,725	8,085	8,980	9,470	10,223	8.0%	-19.6%
Chemicals	2,718	2,694	2,528	2,538	2,492	2,642	2,729	2,699	2,823	2,983	5.7%	9.7%
Clothing, Footwear and Leather	1,706	1,471	1,320	1,265	1,230	1,178	1,193	1,136	1,171	1,195	2.0%	-30.0%
Computer, Electronic and Optical Equipment	4,151	3,883	3,690	3,286	3,034	3,207	3,183	3,349	3,492	3,667	5.0%	-11.7%
Construction, Energy, Water and Waste	13,693	13,795	11,657	10,214	9,571	9,869	10,027	9,741	11,076	12,498	12.8%	-8.7%
Drink and Tobacco	2,884	3,030	2,822	2,535	2,280	2,225	1,888	1,818	1,896	2,006	5.8%	-30.4%
Electrical Equipment	3,144	2,935	2,702	2,619	2,454	2,685	2,861	3,278	3,364	3,518	4.6%	11.9%
Food	34,858	33,771	31,713	32,080	32,505	33,515	33,939	35,817	37,524	38,802	3.4%	11.3%
Machinery and Equipment	7,499	6,979	5,746	5,726	6,043	6,251	6,621	7,021	7,570	7,611	0.5%	1.5%
Medical and dental instruments and supplies	744	827	909	1,086	1,134	1,235	1,334	1,586	1,851	2,174	17.5%	192.2%
Miscellaneous Manufacturing	6,325	5,625	4,445	4,090	3,957	3,767	3,586	3,774	4,159	4,194	0.8%	-33.7%
Non-Metallic Minerals	9,246	8,409	5,465	4,836	4,798	4,429	4,717	4,785	5,266	5,723	8.7%	-38.1%
Paper and Printing	5,512	5,085	4,873	4,499	4,427	4,410	4,198	4,227	4,267	4,337	1.6%	-21.3%
Rubber and Plastics	4,778	4,606	3,883	3,660	3,444	3,458	3,624	3,755	3,982	4,111	3.2%	-14.0%
Textiles	1,425	1,336	1,118	1,041	1,007	997	1,006	1,056	1,130	1,164	3.0%	-18.3%
Transport Equipment	1,411	1,590	1,205	1,175	1,295	1,298	1,427	1,497	1,667	1,708	2.5%	21.0%
Wood and Wood Products	6,301	5,056	4,043	3,935	3,783	3,688	3,754	3,943	4,206	4,512	7.3%	-28.4%
<b>Primary Production</b>	<b>3,945</b>	<b>3,910</b>	<b>3,604</b>	<b>3,454</b>	<b>3,573</b>	<b>3,554</b>	<b>3,642</b>	<b>3,628</b>	<b>3,713</b>	<b>3,712</b>	<b>0.0%</b>	<b>-5.9%</b>
Agriculture, Fishing and Forestry	2,118	2,183	2,056	1,974	2,090	2,095	2,247	2,216	2,276	2,238	-1.7%	5.7%
Mining and Quarrying	1,827	1,727	1,548	1,480	1,483	1,459	1,395	1,412	1,437	1,474	2.6%	-19.3%
<b>Services</b>	<b>42,844</b>	<b>44,766</b>	<b>43,254</b>	<b>42,899</b>	<b>43,393</b>	<b>44,457</b>	<b>47,355</b>	<b>52,328</b>	<b>57,133</b>	<b>62,133</b>	<b>8.8%</b>	<b>45.0%</b>
Business Services	14,830	15,691	14,910	14,179	14,225	14,960	16,234	18,798	20,617	22,287	8.1%	50.3%
Computer consultancy activities	9,893	9,657	8,670	8,325	8,615	9,060	9,611	10,391	11,449	12,645	10.4%	27.8%
Computer facilities management activities	2	26	25	34	39	47	58	58	120	280	133.3%	13900.0%
Computer programming activities	198	273	323	430	516	624	740	798	991	1,389	40.2%	601.5%
Financial Services	2,975	3,358	3,535	3,700	3,389	3,377	3,613	3,873	4,243	4,667	10.0%	56.9%
Other Information and Communication	5,079	5,185	5,377	5,518	5,734	5,844	6,186	6,599	7,178	7,706	7.4%	51.7%
Other information technology and computer service activities	1,397	1,634	1,849	2,172	2,419	2,003	2,138	2,506	2,773	3,070	10.7%	119.8%
Other Services	8,470	8,942	8,565	8,541	8,456	8,542	8,775	9,305	9,762	10,089	3.3%	19.1%
<b>Total - All Sectors</b>	<b>165,906</b>	<b>161,183</b>	<b>143,699</b>	<b>138,761</b>	<b>138,464</b>	<b>140,590</b>	<b>145,169</b>	<b>154,418</b>	<b>165,760</b>	<b>176,271</b>	<b>6.3%</b>	<b>6.2%</b>

## A6 Irish-owned Companies - Part-time, Temporary and Short-term Contract Employment by Sector, 2007-2016

Temporary, Part-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>Manufacturing &amp; Other Industry</b>	<b>8,483</b>	<b>8,156</b>	<b>8,892</b>	<b>9,847</b>	<b>10,214</b>	<b>9,971</b>	<b>11,089</b>	<b>11,519</b>	<b>11,414</b>	<b>11,977</b>	<b>4.9%</b>	<b>41.2%</b>
Basic and Fabricated Metal Products	544	617	690	783	814	791	781	764	939	913	-2.8%	67.8%
Chemicals	237	291	365	341	402	398	412	475	493	519	5.3%	119.0%
Clothing, Footwear and Leather	333	316	389	334	343	316	271	294	284	273	-3.9%	-18.0%
Computer, Electronic and Optical Equipment	245	339	273	288	305	250	276	345	340	374	10.0%	52.7%
Construction, Energy, Water and Waste	308	340	412	548	533	556	923	1,019	706	812	15.0%	163.6%
Drink and Tobacco	341	280	233	245	293	197	245	219	228	326	43.0%	-4.4%
Electrical Equipment	236	280	218	292	361	335	287	227	277	284	2.5%	20.3%
Food	3,055	2,997	3,176	3,660	3,788	4,103	4,850	5,141	5,264	5,439	3.3%	78.0%
Machinery and Equipment	371	350	547	525	461	461	434	445	486	441	-9.3%	18.9%
Medical and dental instruments and supplies	37	12	30	130	232	178	149	108	65	77	18.5%	108.1%
Miscellaneous Manufacturing	678	640	655	661	664	555	529	469	490	636	29.8%	-6.2%
Non-Metallic Minerals	550	427	484	562	591	507	532	584	505	507	0.4%	-7.8%
Paper and Printing	399	347	377	458	476	435	409	444	374	393	5.1%	-1.5%
Rubber and Plastics	295	263	338	319	289	275	331	363	302	300	-0.7%	1.7%
Textiles	311	248	253	311	283	234	266	256	243	230	-5.3%	-26.0%
Transport Equipment	66	84	97	72	71	83	88	100	113	113	0.0%	71.2%
Wood and Wood Products	477	325	355	318	308	297	306	266	305	340	11.5%	-28.7%
<b>Primary Production</b>	<b>1,353</b>	<b>750</b>	<b>580</b>	<b>620</b>	<b>577</b>	<b>528</b>	<b>635</b>	<b>792</b>	<b>765</b>	<b>753</b>	<b>-1.6%</b>	<b>-44.3%</b>
Agriculture, Fishing and Forestry	1,198	581	349	323	285	325	283	306	267	257	-3.7%	-78.5%
Mining and Quarrying	155	169	231	297	292	203	352	486	498	496	-0.4%	220.0%
<b>Services</b>	<b>8,734</b>	<b>8,260</b>	<b>8,269</b>	<b>9,257</b>	<b>9,845</b>	<b>9,730</b>	<b>10,525</b>	<b>12,707</b>	<b>14,501</b>	<b>14,564</b>	<b>0.4%</b>	<b>66.8%</b>
Business Services	2,387	2,610	2,815	3,620	3,750	3,444	3,827	5,689	6,648	6,260	-5.8%	162.3%
Computer consultancy activities	1,191	1,216	1,138	1,362	1,465	1,420	1,510	1,399	1,463	1,424	-2.7%	19.6%
Computer facilities management activities	-	-	3	6	3	4	9	15	17	19	11.8%	
Computer programming activities	34	55	61	121	147	153	177	204	204	182	-10.8%	435.3%
Financial Services	349	526	405	444	424	440	502	500	689	668	-3.0%	91.4%
Other Information and Communication	1,185	1,250	1,227	1,153	1,362	1,532	1,587	1,610	1,870	2,227	19.1%	87.9%
Other information technology and computer service activities	259	357	369	368	362	249	327	389	437	449	2.7%	73.4%
Other Services	3,329	2,246	2,251	2,183	2,332	2,488	2,586	2,901	3,173	3,335	5.1%	0.2%
<b>Total - All Sectors</b>	<b>18,570</b>	<b>17,166</b>	<b>17,741</b>	<b>19,724</b>	<b>20,636</b>	<b>20,229</b>	<b>22,249</b>	<b>25,018</b>	<b>26,680</b>	<b>27,294</b>	<b>2.3%</b>	<b>47.0%</b>

## A7 Foreign-owned Companies - Total Employment by Sector, 2007-2016

Total Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>Manufacturing &amp; Other Industry</b>	<b>103,317</b>	<b>99,044</b>	<b>90,413</b>	<b>89,110</b>	<b>89,542</b>	<b>91,290</b>	<b>92,982</b>	<b>94,430</b>	<b>99,483</b>	<b>102,838</b>	<b>3.4%</b>	<b>-0.5%</b>
Basic and Fabricated Metal Products	2,514	2,407	2,027	2,115	2,046	2,024	2,027	2,039	2,044	1,962	-4.0%	-22.0%
Chemicals	23,658	23,163	21,713	21,629	21,537	21,822	22,237	22,570	24,515	26,324	7.4%	11.3%
Clothing, Footwear and Leather and Textiles	701	649	286	248	176	133	130	123	117	106	-9.4%	-84.9%
Computer, Electronic and Optical Equipment	19,061	17,990	15,498	15,906	16,146	16,433	17,397	18,202	20,521	20,267	-1.2%	6.3%
Construction, Energy, Water and Waste and Wood and Wood Products	886	775	792	771	789	776	739	857	1,043	1,022	-2.0%	15.3%
Drink and Tobacco	3,435	3,424	3,701	3,446	2,839	2,738	2,639	2,502	2,352	2,207	-6.2%	-35.7%
Electrical Equipment	4,041	3,561	2,828	2,529	2,289	2,500	2,547	2,220	2,093	2,160	3.2%	-46.5%
Food	6,181	5,940	5,781	5,615	5,632	5,494	5,513	5,244	5,384	5,242	-2.6%	-15.2%
Machinery and Equipment	5,010	4,734	3,987	3,999	4,105	4,220	4,269	4,405	4,557	4,608	1.1%	-8.0%
Medical and dental instruments and supplies	23,445	22,871	23,009	22,633	23,836	24,737	24,878	25,865	26,078	27,844	6.8%	18.8%
Miscellaneous Manufacturing and Agriculture, Fisheries and Forestry	2,051	2,083	2,044	1,991	1,853	2,014	1,884	1,914	2,009	1,977	-1.6%	-3.6%
Non-Metallic Minerals	1,922	1,581	1,147	984	944	767	862	861	902	962	6.7%	-49.9%
Paper and Printing	1,809	1,845	1,632	1,381	1,179	1,338	1,263	1,248	1,238	1,250	1.0%	-30.9%
Rubber and Plastics	3,672	3,488	2,996	2,964	3,170	3,215	3,291	3,324	3,588	3,772	5.1%	2.7%
Transport Equipment	4,931	4,533	2,972	2,899	3,001	3,079	3,306	3,056	3,042	3,135	3.1%	-36.4%
<b>Services</b>	<b>72,508</b>	<b>72,668</b>	<b>66,104</b>	<b>68,663</b>	<b>73,598</b>	<b>79,059</b>	<b>84,265</b>	<b>89,048</b>	<b>96,056</b>	<b>102,638</b>	<b>6.9%</b>	<b>41.6%</b>
Business Services	1,030	1,059	713	726	888	944	1,196	1,784	2,307	2,783	20.6%	170.2%
Computer consultancy activities	19,736	18,684	15,427	16,421	17,536	17,735	18,676	19,247	18,989	19,565	3.0%	-0.9%
Computer facilities management activities	8,951	8,558	8,064	8,322	8,918	10,235	10,724	10,775	11,610	12,674	9.2%	41.6%
Computer programming activities	21,047	21,825	20,586	20,872	22,167	24,787	26,191	26,778	28,190	29,524	4.7%	40.3%
Financial Services	17,346	17,904	16,860	16,839	18,029	18,278	18,707	20,205	22,950	23,905	4.2%	37.8%
Other Information and Communication	538	667	635	709	724	738	871	1,126	1,718	2,277	32.5%	323.2%
Other information technology and computer service activities	3,237	3,357	3,200	4,128	4,674	5,715	7,178	8,047	8,884	10,352	16.5%	219.8%
Other Services	623	614	619	646	662	627	722	1,086	1,408	1,558	10.7%	150.1%
<b>Total - All Sectors</b>	<b>175,825</b>	<b>171,712</b>	<b>156,517</b>	<b>157,773</b>	<b>163,140</b>	<b>170,349</b>	<b>177,247</b>	<b>183,478</b>	<b>195,539</b>	<b>205,476</b>	<b>5.1%</b>	<b>16.9%</b>

## A8 Foreign-owned Companies - Permanent, Full-time Employment by Sector, 2007-2016

Permanent, Full-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>Manufacturing &amp; Other Industry</b>	<b>92,816</b>	<b>90,303</b>	<b>82,654</b>	<b>79,790</b>	<b>79,275</b>	<b>80,983</b>	<b>82,102</b>	<b>83,652</b>	<b>87,862</b>	<b>91,709</b>	<b>4.4%</b>	<b>-1.2%</b>
Basic and Fabricated Metal Products	2,339	2,263	1,969	2,003	1,908	1,904	1,893	1,911	1,947	1,890	-2.9%	-19.2%
Chemicals	21,367	21,074	19,728	19,269	18,918	19,176	19,491	19,734	21,395	22,920	7.1%	7.3%
Clothing, Footwear and Leather and Textiles	646	595	260	229	164	121	123	115	107	92	-14.0%	-85.8%
Computer, Electronic and Optical Equipment	17,035	16,375	14,549	14,182	14,341	14,812	15,644	16,531	18,523	18,780	1.4%	10.2%
Construction, Energy, Water and Waste and Wood and Wood Products	855	741	739	703	735	736	694	731	980	940	-4.1%	9.9%
Drink and Tobacco	3,101	3,037	3,012	2,712	2,605	2,615	2,490	2,292	2,156	2,051	-4.9%	-33.9%
Electrical Equipment	3,755	3,364	2,633	2,187	1,946	2,179	2,284	2,004	1,927	1,985	3.0%	-47.1%
Food	5,592	5,354	5,256	5,056	4,883	4,950	4,887	4,688	4,758	4,563	-4.1%	-18.4%
Machinery and Equipment	4,516	4,492	3,758	3,600	3,662	3,830	3,877	3,945	4,227	4,272	1.1%	-5.4%
Medical and dental instruments and supplies	20,085	20,224	20,609	20,459	20,906	21,260	21,195	22,487	22,212	24,366	9.7%	21.3%
Miscellaneous Manufacturing and Agriculture, Fisheries and Forestry	1,994	1,992	1,916	1,842	1,694	1,802	1,697	1,687	1,715	1,691	-1.4%	-15.2%
Non-Metallic Minerals	1,666	1,509	1,128	826	792	644	743	671	706	698	-1.1%	-58.1%
Paper and Printing	1,701	1,716	1,546	1,317	1,104	1,234	1,167	1,195	1,195	1,211	1.3%	-28.8%
Rubber and Plastics	3,395	3,185	2,727	2,737	2,793	2,877	2,947	2,957	3,219	3,405	5.8%	0.3%
Transport Equipment	4,769	4,382	2,824	2,668	2,824	2,843	2,970	2,704	2,795	2,845	1.8%	-40.3%
<b>Services</b>	<b>65,383</b>	<b>66,495</b>	<b>60,277</b>	<b>61,969</b>	<b>66,715</b>	<b>71,296</b>	<b>75,130</b>	<b>81,014</b>	<b>87,790</b>	<b>94,064</b>	<b>7.1%</b>	<b>43.9%</b>
Business Services	904	946	640	672	804	850	1,094	1,683	2,108	2,598	23.2%	187.4%
Computer consultancy activities	17,035	17,156	14,293	15,243	15,789	15,695	16,140	17,015	16,834	17,814	5.8%	4.6%
Computer facilities management activities	8,458	7,978	7,521	7,706	8,047	9,311	9,668	9,704	10,796	11,529	6.8%	36.3%
Computer programming activities	18,603	19,104	17,770	17,989	19,902	21,852	22,948	24,535	26,033	27,399	5.2%	47.3%
Financial Services	16,486	17,085	15,958	15,743	16,791	17,213	17,563	18,887	21,174	22,060	4.2%	33.8%
Other Information and Communication	495	616	571	622	600	680	819	1,072	1,631	2,192	34.4%	342.8%
Other information technology and computer service activities	2,811	3,050	2,958	3,414	4,191	5,107	6,207	7,083	7,905	9,078	14.8%	222.9%
Other Services	591	560	566	580	591	588	691	1,035	1,309	1,394	6.5%	135.9%
<b>Total - All Sectors</b>	<b>158,199</b>	<b>156,798</b>	<b>142,931</b>	<b>141,759</b>	<b>145,990</b>	<b>152,279</b>	<b>157,232</b>	<b>164,666</b>	<b>175,652</b>	<b>185,773</b>	<b>5.8%</b>	<b>17.4%</b>

## A9 Foreign-owned Companies - Part-time, Temporary and Short-term Contract Employment by Sector, 2007-2016

Temporary, Part-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>Manufacturing &amp; Other Industry</b>	<b>10,501</b>	<b>8,741</b>	<b>7,759</b>	<b>9,320</b>	<b>10,267</b>	<b>10,307</b>	<b>10,880</b>	<b>10,778</b>	<b>11,621</b>	<b>11,129</b>	<b>-4.2%</b>	<b>6.0%</b>
Basic and Fabricated Metal Products	175	144	58	112	138	120	134	128	97	72	-25.8%	-58.9%
Chemicals	2,291	2,089	1,985	2,360	2,619	2,646	2,746	2,836	3,120	3,404	9.1%	48.6%
Clothing, Footwear and Leather and Textiles	55	54	26	19	12	12	7	8	10	14	40.0%	-74.5%
Computer, Electronic and Optical Equipment	2,026	1,615	949	1,724	1,805	1,621	1,753	1,671	1,998	1,487	-25.6%	-26.6%
Construction, Energy, Water and Waste and Wood and Wood Products	31	34	53	68	54	40	45	126	63	82	30.2%	164.5%
Drink and Tobacco	334	387	689	734	234	123	149	210	196	156	-20.4%	-53.3%
Electrical Equipment	286	197	195	342	343	321	263	216	166	175	5.4%	-38.8%
Food	589	586	525	559	749	544	626	556	626	679	8.5%	15.3%
Machinery and Equipment	494	242	229	399	443	390	392	460	330	336	1.8%	-32.0%
Medical and dental instruments and supplies	3,360	2,647	2,400	2,174	2,930	3,477	3,683	3,378	3,866	3,478	-10.0%	3.5%
Miscellaneous Manufacturing and Agriculture, Fisheries and Forestry	57	91	128	149	159	212	187	227	294	286	-2.7%	401.8%
Non-Metallic Minerals	256	72	19	158	152	123	119	190	196	264	34.7%	3.1%
Paper and Printing	108	129	86	64	75	104	96	53	43	39	-9.3%	-63.9%
Rubber and Plastics	277	303	269	227	377	338	344	367	369	367	-0.5%	32.5%
Transport Equipment	162	151	148	231	177	236	336	352	247	290	17.4%	79.0%
<b>Services</b>	<b>7,125</b>	<b>6,173</b>	<b>5,827</b>	<b>6,694</b>	<b>6,883</b>	<b>7,763</b>	<b>9,135</b>	<b>8,034</b>	<b>8,266</b>	<b>8,574</b>	<b>3.7%</b>	<b>20.3%</b>
Business Services	126	113	73	54	84	94	102	101	199	185	-7.0%	46.8%
Computer consultancy activities	2,701	1,528	1,134	1,178	1,747	2,040	2,536	2,232	2,155	1,751	-18.7%	-35.2%
Computer facilities management activities	493	580	543	616	871	924	1,056	1,071	814	1,145	40.7%	132.3%
Computer programming activities	2,444	2,721	2,816	2,883	2,265	2,935	3,243	2,243	2,157	2,125	-1.5%	-13.1%
Financial Services	860	819	902	1,096	1,238	1,065	1,144	1,318	1,776	1,845	3.9%	114.5%
Other Information and Communication	43	51	64	87	124	58	52	54	87	85	-2.3%	97.7%
Other information technology and computer service activities	426	307	242	714	483	608	971	964	979	1,274	30.1%	199.1%
Other Services	32	54	53	66	71	39	31	51	99	164	65.7%	412.5%
<b>Total - All Sectors</b>	<b>17,626</b>	<b>14,914</b>	<b>13,586</b>	<b>16,014</b>	<b>17,150</b>	<b>18,070</b>	<b>20,015</b>	<b>18,812</b>	<b>19,887</b>	<b>19,703</b>	<b>-0.9%</b>	<b>11.8%</b>

## Appendix B: Agency-assisted Employment by Region, 2007-2016

### B1 All Companies - Total Employment by Region, 2007-2016

Total Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>BMW</b>	<b>85,633</b>	<b>81,278</b>	<b>72,768</b>	<b>71,440</b>	<b>73,956</b>	<b>75,297</b>	<b>78,261</b>	<b>81,522</b>	<b>85,672</b>	<b>90,331</b>	<b>5.4%</b>	<b>5.5%</b>
Midlands	15,200	15,271	13,329	12,796	12,652	12,941	13,667	14,724	15,534	16,143	3.9%	6.2%
Border	35,357	33,505	29,903	29,024	29,469	29,671	30,653	31,966	33,606	35,296	5.0%	-0.2%
West	35,076	32,502	29,536	29,620	31,835	32,685	33,941	34,832	36,532	38,892	6.5%	10.9%
<b>Dublin</b>	<b>121,645</b>	<b>120,878</b>	<b>113,020</b>	<b>111,515</b>	<b>114,185</b>	<b>118,358</b>	<b>125,213</b>	<b>133,080</b>	<b>142,563</b>	<b>152,211</b>	<b>6.8%</b>	<b>25.1%</b>
Dublin	121,645	120,878	113,020	111,515	114,185	118,358	125,213	133,080	142,563	152,211	6.8%	25.1%
<b>Rest of South &amp; East</b>	<b>153,023</b>	<b>147,905</b>	<b>132,169</b>	<b>133,303</b>	<b>134,099</b>	<b>137,513</b>	<b>141,191</b>	<b>148,312</b>	<b>159,744</b>	<b>166,499</b>	<b>4.2%</b>	<b>8.8%</b>
Mid East	32,582	31,170	28,110	28,978	28,583	29,202	30,180	31,784	33,415	33,422	0.0%	2.6%
Mid West	33,447	30,591	25,561	25,202	25,086	25,445	26,254	27,170	28,530	31,118	9.1%	-7.0%
South East	35,366	34,610	31,179	31,111	29,844	29,845	29,696	31,217	33,857	34,836	2.9%	-1.5%
South West	51,628	51,534	47,319	48,012	50,586	53,021	55,061	58,141	63,942	67,123	5.0%	30.0%
<b>All Regions</b>	<b>360,301</b>	<b>350,061</b>	<b>317,957</b>	<b>316,258</b>	<b>322,240</b>	<b>331,168</b>	<b>344,665</b>	<b>362,914</b>	<b>387,979</b>	<b>409,041</b>	<b>5.4%</b>	<b>13.5%</b>

## B2 All Companies - Permanent, Full-time Employment by Region, 2007-2016

Permanent, Full-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>BMW</b>	<b>75,509</b>	<b>73,497</b>	<b>65,726</b>	<b>63,835</b>	<b>64,862</b>	<b>66,235</b>	<b>68,592</b>	<b>71,715</b>	<b>75,356</b>	<b>79,475</b>	<b>5.5%</b>	<b>5.3%</b>
Midlands	14,234	14,244	12,240	11,697	11,533	11,801	12,520	13,181	13,845	14,431	4.2%	1.4%
Border	32,002	30,702	26,985	25,650	25,757	26,287	26,878	28,224	29,571	31,056	5.0%	-3.0%
West	29,273	28,551	26,501	26,488	27,572	28,147	29,194	30,310	31,940	33,988	6.4%	16.1%
<b>Dublin</b>	<b>110,654</b>	<b>109,657</b>	<b>100,817</b>	<b>97,990</b>	<b>99,911</b>	<b>103,984</b>	<b>108,213</b>	<b>115,247</b>	<b>124,180</b>	<b>133,484</b>	<b>7.5%</b>	<b>20.6%</b>
Dublin	110,654	109,657	100,817	97,990	99,911	103,984	108,213	115,247	124,180	133,484	7.5%	20.6%
<b>Rest of South &amp; East</b>	<b>137,942</b>	<b>134,827</b>	<b>120,087</b>	<b>118,695</b>	<b>119,681</b>	<b>122,650</b>	<b>125,596</b>	<b>132,122</b>	<b>141,876</b>	<b>149,085</b>	<b>5.1%</b>	<b>8.1%</b>
Mid East	30,222	28,779	25,862	26,170	25,849	26,449	27,349	28,853	30,581	30,530	-0.2%	1.0%
Mid West	29,944	28,419	23,713	22,984	22,726	22,931	23,418	24,497	25,772	27,964	8.5%	-6.6%
South East	32,214	31,546	28,228	27,607	26,671	26,684	26,643	27,742	29,715	30,631	3.1%	-4.9%
South West	45,562	46,083	42,284	41,934	44,435	46,586	48,186	51,030	55,808	59,960	7.4%	31.6%
<b>All Regions</b>	<b>324,105</b>	<b>317,981</b>	<b>286,630</b>	<b>280,520</b>	<b>284,454</b>	<b>292,869</b>	<b>302,401</b>	<b>319,084</b>	<b>341,412</b>	<b>362,044</b>	<b>6.0%</b>	<b>11.7%</b>

## B3 All Companies Part-time, Temporary and Short-term Contract Employment by Region, 2007-2016

Temporary, Part-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>BMW</b>	<b>10,124</b>	<b>7,781</b>	<b>7,042</b>	<b>7,605</b>	<b>9,094</b>	<b>9,062</b>	<b>9,669</b>	<b>9,807</b>	<b>10,316</b>	<b>10,856</b>	<b>5.2%</b>	<b>7.2%</b>
Midlands	966	1,027	1,089	1,099	1,119	1,140	1,147	1,543	1,689	1,712	1.4%	77.2%
Border	3,355	2,803	2,918	3,374	3,712	3,384	3,775	3,742	4,035	4,240	5.1%	26.4%
West	5,803	3,951	3,035	3,132	4,263	4,538	4,747	4,522	4,592	4,904	6.8%	-15.5%
<b>Dublin</b>	<b>10,991</b>	<b>11,221</b>	<b>12,203</b>	<b>13,525</b>	<b>14,274</b>	<b>14,374</b>	<b>17,000</b>	<b>17,833</b>	<b>18,383</b>	<b>18,727</b>	<b>1.9%</b>	<b>70.4%</b>
Dublin	10,991	11,221	12,203	13,525	14,274	14,374	17,000	17,833	18,383	18,727	1.9%	70.4%
<b>Rest of South &amp; East</b>	<b>15,081</b>	<b>13,078</b>	<b>12,082</b>	<b>14,608</b>	<b>14,418</b>	<b>14,863</b>	<b>15,595</b>	<b>16,190</b>	<b>17,868</b>	<b>17,414</b>	<b>-2.5%</b>	<b>15.5%</b>
Mid East	2,360	2,391	2,248	2,808	2,734	2,753	2,831	2,931	2,834	2,892	2.0%	22.5%
Mid West	3,503	2,172	1,848	2,218	2,360	2,514	2,836	2,673	2,758	3,154	14.4%	-10.0%
South East	3,152	3,064	2,951	3,504	3,173	3,161	3,053	3,475	4,142	4,205	1.5%	33.4%
South West	6,066	5,451	5,035	6,078	6,151	6,435	6,875	7,111	8,134	7,163	-11.9%	18.1%
<b>All Regions</b>	<b>36,196</b>	<b>32,080</b>	<b>31,327</b>	<b>35,738</b>	<b>37,786</b>	<b>38,299</b>	<b>42,264</b>	<b>43,830</b>	<b>46,567</b>	<b>46,997</b>	<b>0.9%</b>	<b>29.8%</b>

## B4 Irish-owned Companies - Total Employment by Region, 2007-2016

Total Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>BMW</b>	<b>52,019</b>	<b>49,099</b>	<b>43,156</b>	<b>42,139</b>	<b>42,602</b>	<b>42,567</b>	<b>44,466</b>	<b>46,603</b>	<b>49,475</b>	<b>52,320</b>	<b>5.8%</b>	<b>0.6%</b>
Midlands	9,840	10,007	8,750	8,448	8,385	8,441	9,197	10,116	10,748	11,352	5.6%	15.4%
Border	24,435	22,966	19,851	19,283	19,416	19,294	19,924	20,750	22,142	23,270	5.1%	-4.8%
West	17,744	16,126	14,555	14,408	14,801	14,832	15,345	15,737	16,585	17,698	6.7%	-0.3%
<b>Dublin</b>	<b>57,717</b>	<b>57,271</b>	<b>53,681</b>	<b>52,595</b>	<b>51,630</b>	<b>51,528</b>	<b>53,780</b>	<b>59,007</b>	<b>64,000</b>	<b>68,725</b>	<b>7.4%</b>	<b>19.1%</b>
Dublin	57,717	57,271	53,681	52,595	51,630	51,528	53,780	59,007	64,000	68,725	7.4%	19.1%
<b>Rest of South &amp; East</b>	<b>74,740</b>	<b>71,979</b>	<b>64,603</b>	<b>63,751</b>	<b>64,868</b>	<b>66,724</b>	<b>69,172</b>	<b>73,826</b>	<b>78,965</b>	<b>82,520</b>	<b>4.5%</b>	<b>10.4%</b>
Mid East	16,098	15,423	14,230	13,916	13,920	14,645	15,641	17,196	18,554	19,053	2.7%	18.4%
Mid West	13,396	12,292	10,972	11,003	10,785	10,900	11,551	11,832	12,442	13,556	9.0%	1.2%
South East	21,139	20,344	17,600	17,704	17,419	17,305	17,250	18,263	19,520	19,933	2.1%	-5.7%
South West	24,107	23,920	21,801	21,128	22,744	23,874	24,730	26,535	28,449	29,978	5.4%	24.4%
<b>All Regions</b>	<b>184,476</b>	<b>178,349</b>	<b>161,440</b>	<b>158,485</b>	<b>159,100</b>	<b>160,819</b>	<b>167,418</b>	<b>179,436</b>	<b>192,440</b>	<b>203,565</b>	<b>5.8%</b>	<b>10.3%</b>

## B5 Irish-owned Companies - Permanent, Full-time Employment by Region, 2007-2016

Permanent, Full-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>BMW</b>	<b>45,942</b>	<b>44,556</b>	<b>38,649</b>	<b>37,331</b>	<b>37,530</b>	<b>37,441</b>	<b>38,972</b>	<b>40,927</b>	<b>43,606</b>	<b>46,108</b>	<b>5.7%</b>	<b>0.4%</b>
Midlands	9,233	9,461	7,939	7,668	7,546	7,611	8,254	8,936	9,491	9,975	5.1%	8.0%
Border	22,055	21,094	17,821	17,033	17,068	17,048	17,442	18,219	19,473	20,480	5.2%	-7.1%
West	14,654	14,001	12,889	12,630	12,916	12,782	13,276	13,772	14,642	15,653	6.9%	6.8%
<b>Dublin</b>	<b>51,579</b>	<b>50,911</b>	<b>46,647</b>	<b>44,424</b>	<b>42,945</b>	<b>43,383</b>	<b>44,591</b>	<b>47,951</b>	<b>51,997</b>	<b>56,571</b>	<b>8.8%</b>	<b>9.7%</b>
Dublin	51,579	50,911	46,647	44,424	42,945	43,383	44,591	47,951	51,997	56,571	8.8%	9.7%
<b>Rest of South &amp; East</b>	<b>68,385</b>	<b>65,716</b>	<b>58,403</b>	<b>57,006</b>	<b>57,989</b>	<b>59,766</b>	<b>61,606</b>	<b>65,540</b>	<b>70,157</b>	<b>73,592</b>	<b>4.9%</b>	<b>7.6%</b>
Mid East	14,823	14,044	12,951	12,473	12,463	13,216	14,015	15,339	16,568	17,007	2.6%	14.7%
Mid West	12,636	11,390	9,876	9,768	9,525	9,674	10,111	10,520	11,094	12,115	9.2%	-4.1%
South East	19,249	18,596	15,864	15,690	15,516	15,465	15,478	16,189	17,267	17,497	1.3%	-9.1%
South West	21,677	21,686	19,712	19,075	20,485	21,411	22,002	23,492	25,228	26,973	6.9%	24.4%
<b>All Regions</b>	<b>165,906</b>	<b>161,183</b>	<b>143,699</b>	<b>138,761</b>	<b>138,464</b>	<b>140,590</b>	<b>145,169</b>	<b>154,418</b>	<b>165,760</b>	<b>176,271</b>	<b>6.3%</b>	<b>6.2%</b>

## B6 Irish-owned Companies - Part-time, Temporary and Short-term Contract Employment by Region, 2007-2016

Temporary, Part-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>BMW</b>	<b>6,077</b>	<b>4,543</b>	<b>4,507</b>	<b>4,808</b>	<b>5,072</b>	<b>5,126</b>	<b>5,494</b>	<b>5,676</b>	<b>5,869</b>	<b>6,212</b>	<b>5.8%</b>	<b>2.2%</b>
Midlands	607	546	811	780	839	830	943	1,180	1,257	1,377	9.5%	126.9%
Border	2,380	1,872	2,030	2,250	2,348	2,246	2,482	2,531	2,669	2,790	4.5%	17.2%
West	3,090	2,125	1,666	1,778	1,885	2,050	2,069	1,965	1,943	2,045	5.2%	-33.8%
<b>Dublin</b>	<b>6,138</b>	<b>6,360</b>	<b>7,034</b>	<b>8,171</b>	<b>8,685</b>	<b>8,145</b>	<b>9,189</b>	<b>11,056</b>	<b>12,003</b>	<b>12,154</b>	<b>1.3%</b>	<b>98.0%</b>
Dublin	6,138	6,360	7,034	8,171	8,685	8,145	9,189	11,056	12,003	12,154	1.3%	98.0%
<b>Rest of South &amp; East</b>	<b>6,355</b>	<b>6,263</b>	<b>6,200</b>	<b>6,745</b>	<b>6,879</b>	<b>6,958</b>	<b>7,566</b>	<b>8,286</b>	<b>8,808</b>	<b>8,928</b>	<b>1.4%</b>	<b>40.5%</b>
Mid East	1,275	1,379	1,279	1,443	1,457	1,429	1,626	1,857	1,986	2,046	3.0%	60.5%
Mid West	760	902	1,096	1,235	1,260	1,226	1,440	1,312	1,348	1,441	6.9%	89.6%
South East	1,890	1,748	1,736	2,014	1,903	1,840	1,772	2,074	2,253	2,436	8.1%	28.9%
South West	2,430	2,234	2,089	2,053	2,259	2,463	2,728	3,043	3,221	3,005	-6.7%	23.7%
<b>All Regions</b>	<b>18,570</b>	<b>17,166</b>	<b>17,741</b>	<b>19,724</b>	<b>20,636</b>	<b>20,229</b>	<b>22,249</b>	<b>25,018</b>	<b>26,680</b>	<b>27,294</b>	<b>2.3%</b>	<b>47.0%</b>

## B7 Foreign-owned Companies - Total Employment by Region, 2007-2016

Total Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>BMW</b>	<b>33,614</b>	<b>32,179</b>	<b>29,612</b>	<b>29,301</b>	<b>31,354</b>	<b>32,730</b>	<b>33,795</b>	<b>34,919</b>	<b>36,197</b>	<b>38,011</b>	<b>5.0%</b>	<b>13.1%</b>
Midlands	5,360	5,264	4,579	4,348	4,267	4,500	4,470	4,608	4,786	4,791	0.1%	-10.6%
Border	10,922	10,539	10,052	9,741	10,053	10,377	10,729	11,216	11,464	12,026	4.9%	10.1%
West	17,332	16,376	14,981	15,212	17,034	17,853	18,596	19,095	19,947	21,194	6.3%	22.3%
<b>Dublin</b>	<b>63,928</b>	<b>63,607</b>	<b>59,339</b>	<b>58,920</b>	<b>62,555</b>	<b>66,830</b>	<b>71,433</b>	<b>74,073</b>	<b>78,563</b>	<b>83,486</b>	<b>6.3%</b>	<b>30.6%</b>
Dublin	63,928	63,607	59,339	58,920	62,555	66,830	71,433	74,073	78,563	83,486	6.3%	30.6%
<b>Rest of South &amp; East</b>	<b>78,283</b>	<b>75,926</b>	<b>67,566</b>	<b>69,552</b>	<b>69,231</b>	<b>70,789</b>	<b>72,019</b>	<b>74,486</b>	<b>80,779</b>	<b>83,979</b>	<b>4.0%</b>	<b>7.3%</b>
Mid East	16,484	15,747	13,880	15,062	14,663	14,557	14,539	14,588	14,861	14,369	-3.3%	-12.8%
Mid West	20,051	18,299	14,589	14,199	14,301	14,545	14,703	15,338	16,088	17,562	9.2%	-12.4%
South East	14,227	14,266	13,579	13,407	12,425	12,540	12,446	12,954	14,337	14,903	3.9%	4.8%
South West	27,521	27,614	25,518	26,884	27,842	29,147	30,331	31,606	35,493	37,145	4.7%	35.0%
<b>All Regions</b>	<b>175,825</b>	<b>171,712</b>	<b>156,517</b>	<b>157,773</b>	<b>163,140</b>	<b>170,349</b>	<b>177,247</b>	<b>183,478</b>	<b>195,539</b>	<b>205,476</b>	<b>5.1%</b>	<b>16.9%</b>

## B8 Foreign-owned Companies - Permanent, Full-time Employment by Region, 2007-2016

Permanent, Full-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>BMW</b>	<b>29,567</b>	<b>28,941</b>	<b>27,077</b>	<b>26,504</b>	<b>27,332</b>	<b>28,794</b>	<b>29,620</b>	<b>30,788</b>	<b>31,750</b>	<b>33,367</b>	<b>5.1%</b>	<b>12.9%</b>
Midlands	5,001	4,783	4,301	4,029	3,987	4,190	4,266	4,245	4,354	4,456	2.3%	-10.9%
Border	9,947	9,608	9,164	8,617	8,689	9,239	9,436	10,005	10,098	10,576	4.7%	6.3%
West	14,619	14,550	13,612	13,858	14,656	15,365	15,918	16,538	17,298	18,335	6.0%	25.4%
<b>Dublin</b>	<b>59,075</b>	<b>58,746</b>	<b>54,170</b>	<b>53,566</b>	<b>56,966</b>	<b>60,601</b>	<b>63,622</b>	<b>67,296</b>	<b>72,183</b>	<b>76,913</b>	<b>6.6%</b>	<b>30.2%</b>
Dublin	59,075	58,746	54,170	53,566	56,966	60,601	63,622	67,296	72,183	76,913	6.6%	30.2%
<b>Rest of South &amp; East</b>	<b>69,557</b>	<b>69,111</b>	<b>61,684</b>	<b>61,689</b>	<b>61,692</b>	<b>62,884</b>	<b>63,990</b>	<b>66,582</b>	<b>71,719</b>	<b>75,493</b>	<b>5.3%</b>	<b>8.5%</b>
Mid East	15,399	14,735	12,911	13,697	13,386	13,233	13,334	13,514	14,013	13,523	-3.5%	-12.2%
Mid West	17,308	17,029	13,837	13,216	13,201	13,257	13,307	13,977	14,678	15,849	8.0%	-8.4%
South East	12,965	12,950	12,364	11,917	11,155	11,219	11,165	11,553	12,448	13,134	5.5%	1.3%
South West	23,885	24,397	22,572	22,859	23,950	25,175	26,184	27,538	30,580	32,987	7.9%	38.1%
<b>All Regions</b>	<b>158,199</b>	<b>156,798</b>	<b>142,931</b>	<b>141,759</b>	<b>145,990</b>	<b>152,279</b>	<b>157,232</b>	<b>164,666</b>	<b>175,652</b>	<b>185,773</b>	<b>5.8%</b>	<b>17.4%</b>

## B9 Foreign-owned Companies - Part-time, Temporary and Short-term Contract Employment by Region, 2007-2016

Temporary, Part-time Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2015-2016	% Change 2007-2016
<b>BMW</b>	<b>4,047</b>	<b>3,238</b>	<b>2,535</b>	<b>2,797</b>	<b>4,022</b>	<b>3,936</b>	<b>4,175</b>	<b>4,131</b>	<b>4,447</b>	<b>4,644</b>	<b>4.4%</b>	<b>14.8%</b>
Midlands	359	481	278	319	280	310	204	363	432	335	-22.5%	-6.7%
Border	975	931	888	1,124	1,364	1,138	1,293	1,211	1,366	1,450	6.1%	48.7%
West	2,713	1,826	1,369	1,354	2,378	2,488	2,678	2,557	2,649	2,859	7.9%	5.4%
<b>Dublin</b>	<b>4,853</b>	<b>4,861</b>	<b>5,169</b>	<b>5,354</b>	<b>5,589</b>	<b>6,229</b>	<b>7,811</b>	<b>6,777</b>	<b>6,380</b>	<b>6,573</b>	<b>3.0%</b>	<b>35.4%</b>
Dublin	4,853	4,861	5,169	5,354	5,589	6,229	7,811	6,777	6,380	6,573	3.0%	35.4%
<b>Rest of South &amp; East</b>	<b>8,726</b>	<b>6,815</b>	<b>5,882</b>	<b>7,863</b>	<b>7,539</b>	<b>7,905</b>	<b>8,029</b>	<b>7,904</b>	<b>9,060</b>	<b>8,486</b>	<b>-6.3%</b>	<b>-2.8%</b>
Mid East	1,085	1,012	969	1,365	1,277	1,324	1,205	1,074	848	846	-0.2%	-22.0%
Mid West	2,743	1,270	752	983	1,100	1,288	1,396	1,361	1,410	1,713	21.5%	-37.6%
South East	1,262	1,316	1,215	1,490	1,270	1,321	1,281	1,401	1,889	1,769	-6.4%	40.2%
South West	3,636	3,217	2,946	4,025	3,892	3,972	4,147	4,068	4,913	4,158	-15.4%	14.4%
<b>All Regions</b>	<b>17,626</b>	<b>14,914</b>	<b>13,586</b>	<b>16,014</b>	<b>17,150</b>	<b>18,070</b>	<b>20,015</b>	<b>18,812</b>	<b>19,887</b>	<b>19,703</b>	<b>-0.9%</b>	<b>11.8%</b>

## Appendix C: Methodology and Definitions

### C1 Overview of Methodology and Definitions

The Annual Employment Survey is carried out by postal survey and an extensive telephone follow-up.

In line with previous years, census returns as at 31st October for **Permanent, Full-time** and for, **Part-time, Temporary** and **Short Term Contract** employment combined were sought.

In the presentation of the results, we have reflected the nationality of any companies at the time of reporting. In the light of changes of ownership, the inclusion of new companies and the correction of identified errors, historic employment figures have been restated where appropriate. Therefore, the figures may differ from those previously reported.

### C2 Definitions

- **Permanent, Full-time:** Employees who have been employed full time for nine months or longer or who will be on contracts of nine months or longer on 31st October 2016.
- **Part-time, Temporary & Short-term Contracts:** Employees who have been employed for less than 9 months in the 12 months to 31st October 2016 or who are on employment contracts of less than 9 months or employed on a casual basis.
- **Job Gains:** Increase in employment, on a company by company basis, arising in the survey year over and above the company's employment level in the previous year.
- **Job Losses:** Decrease in employment on a company by company basis, arising in the survey year.
- **Net Change:** Difference between the total job gains and the total job losses in the survey year.

## Appendix D: Employment Survey questionnaires

1. Enterprise Ireland questionnaire
2. IDA questionnaire
3. Údarás na Gaeltachta questionnaire



An Roinn Post, Fiontar agus Nuálaíochta  
Department of Jobs, Enterprise and Innovation



PRIMARY CONTACT NAME  
COMPANY NAME  
Address 1  
Address 2  
Address 3  
Address 4

**Dublin Regional Office**  
The Plaza  
East Point Business Park  
Dublin 3  
  
Tel: (01) 7272000  
Fax: (01) 7272020

PLANT ID HERE

**ANNUAL EMPLOYMENT SURVEY**

Dear Sir/Madam,

The Strategic Policy Division of the Department of Jobs, Enterprise and Innovation has a mandate to coordinate and advise on industrial policy and has responsibility to carry out the Annual Employment Survey with the assistance of Enterprise Ireland's regional offices. Employment data is critical to the development of industrial policy and consequently in helping to create new jobs. Your response will indicate agreement to its possible use for planning analysis purposes by Government departments and state agencies authorised by the Department of Jobs, Enterprise and Innovation. All responses to the Annual Employment Survey are received on an agreed understanding of confidentiality, consistent with our obligations under Irish law. All results will be published in a form that will not identify individual businesses and information will not be communicated to any third party except as is specifically required for the consideration and evaluation of the response. Finally, the information is combined with survey information from other enterprise state agencies to assist in evaluating and formulating industrial policy using a single comprehensive data source.

We would appreciate if you would help, once again, by supplying your best estimate of employment as at 31 October, as set out in the boxes below.

I would appreciate your reply by 6 October and enclose a business reply envelope for your convenience.

Thanking you for your assistance.

**Please print CRO Number in the box below**

--

**Regional Director, Enterprise Ireland**

1. Full-time Employees	
31 October 2015	
31 October 2016	

2. Other Employees	
31 October 2015	
31 October 2016	

**Definitions:**

- Number of Full-time employees in your establishment (Include executives, drivers, sales staff and full-time agency workers. Exclude those based permanently overseas). For the purposes of this survey, full-time employees can be taken as those who work full hours (i.e. no reduced working hours) and have contracts of nine months or longer or who will be on contracts of nine months or longer on the 31st October 2016.
- Other employees are part-time, temporary, short-term contract and agency workers employed on a part-time or short-term basis or employed on contracts of less than nine months. Exclude those based permanently overseas.

Agency workers are staff hired from a recruitment agency normally working temporarily for an employer. While not generally on a firm's payroll, the number of agency staff should be recorded on the Employment Survey in the same manner as other, directly employed staff, i.e. if they are full-time (as defined above), they should be Full-time staff. Otherwise they should be included in the Other Employees category.

For recruitment agencies undertaking the Employment Survey, only core retained staff should be recorded. Please do not include outsourced staff working in client firms.

Signed: \_\_\_\_\_

Position: \_\_\_\_\_

Please print your name in Block Capitals: \_\_\_\_\_



An Roinn Post, Fiontar agus Nuálaíochta  
Department of Jobs, Enterprise and Innovation



PRIMARY CONTACT NAME  
COMPANY NAME  
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Address 3  
Address 4

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Wilton Place  
Dublin 2

Tel: (01) 6034000  
Fax: (01) 6034040

PLANT ID HERE

**ANNUAL EMPLOYMENT SURVEY**

Dear Sir/Madam,

The Strategic Policy Division of the Department of Jobs, Enterprise and Innovation has a mandate to coordinate and advise on industrial policy and has responsibility to carry out the Annual Employment Survey with the assistance of IDA Ireland's regional offices. Employment data is critical to the development of industrial policy and consequently in helping to create new jobs. Your response will indicate agreement to its possible use for planning analysis purposes by Government departments and state agencies authorised by the Department of Jobs, Enterprise and Innovation. All responses to the Annual Employment Survey are received on an agreed understanding of confidentiality, consistent with our obligations under Irish law. All results will be published in a form that will not identify individual businesses and information will not be communicated to any third party except as is specifically required for the consideration and evaluation of the response. Finally, the information is combined with survey information from other enterprise state agencies to assist in evaluating and formulating industrial policy using a single comprehensive data source.

We would appreciate if you would help, once again, by supplying your best estimate of employment as at 31 October, as set out in the boxes below.

I would appreciate your reply by 6 October and enclose a business reply envelope for your convenience.

Thanking you for your assistance.

**Please print CRO Number in the box below**

--

**Divisional Manager, IDA Ireland**

1. Full-time Employees	
31 October 2015	
31 October 2016	

2. Other Employees	
31 October 2015	
31 October 2016	

**Definitions:**

- Number of Full-time employees in your establishment (Include executives, drivers, sales staff and full-time agency workers. Exclude those based permanently overseas). For the purposes of this survey, full-time employees can be taken as those who work full hours (i.e. no reduced working hours) and have contracts of nine months or longer or who will be on contracts of nine months or longer on the 31st October 2016.
- Other employees are part-time, temporary, short-term contract and agency workers employed on a part-time or short-term basis or employed on contracts of less than nine months. Exclude those based permanently overseas.

Agency workers are staff hired from a recruitment agency normally working temporarily for an employer. While not generally on a firm's payroll, the number of agency staff should be recorded on the Employment Survey in the same manner as other, directly employed staff, i.e. if they are full-time (as defined above), they should be Full-time staff. Otherwise they should be included in the Other Employees category.

For recruitment agencies undertaking the Employment Survey, only core retained staff should be recorded. Please do not include outsourced staff working in client firms.

Signed: \_\_\_\_\_

Position: \_\_\_\_\_

Please print your name in Block Capitals: \_\_\_\_\_



Do thag:

A Chara

**SUIRBHÉ FOSTAÍOCHTA/EMPLOYMENT SURVEY**

Lenár riachtanais tuairiscithe a chomhlíonadh tá orainn figiúirí fostaíochta a bhailiú gach bliain. Bailítear an t-eolas a chuirtear ar fáil do chuspóirí staidrimh agus pleanála, nó i dtaca lenár gcomhaontú leat/libh/féin amháin. Bheinn buíoch mar sin dá gcuirfeá an t-eolas seo a leanas ar fáil - **CÉ MHÉAD DUINE A BHEIDH FOSTAITHE SA GHNÓ ar 31/10/2016 (Lánaimseartha & Eile)** roinnte idir fir agus mná. Ba chóir na príomhaithe féin a chur san áireamh anseo chomh maith, má tá siad fostaíthe sa ghnó. Cuir isteach an t-eolas ins na boscaí thíos. Tá an t-eolas seo an tábhachtach dúinn agus tá muid an bhuíoch as do chomhoibriú.

*To fulfill our reporting obligations we are required to collect employment figures on an annual basis. Any figures supplied are collected for planning/statistical purposes only, or in relation to our agreement with you.*

*Please supply the following information in: **HOW MANY PEOPLE WILL BE EMPLOYED IN YOUR BUSINESS ON 31/10/2016 (Fulltime & Other)** detailing numbers of men and women. The figure should include the principals of the business, if they are employed in the business. Please insert the information in the boxes provided below. This information is very important to us and we appreciate your cooperation.*

Go raibh maith agat.

Le deá ghúí

Peigi Weder

Rannóg Pleanála & Polasáí

**Líon fostaíthe ag 31/10/2016/Number of people employed on 31/10/2016**

**Nóta Míniúchán ar chúil/Explanatory Note overleaf)**

Lán aimseartha / Full Time (i)		+	Eile/* Other (ii)		=	Comhluach Lánaimseartha Fulltime Equivalent (iii)	
Fir	Mná		Fir	Mná		Fir	Mná

\*Eolas breise/Additional Information

Síniú \_\_\_\_\_

Is féidir an t-eolas a sheoladh chugainn/ *You may submit the information to us:*

- I) Ar ríomhphost chuig/By email to [suirbhe@udaras.ie](mailto:suirbhe@udaras.ie)
- II) Ar ríomhphost chuig/By email to [p.weder@udaras.ie](mailto:p.weder@udaras.ie)
- III) Sa phost sa chlúdach réamhíochta leis seo/By post in the prepaid envelope supplied
- IV) Tré glaach ar (09)503211/ By phone to (091)503211

**Roimh/ Before**

Déan cinnte do uimhir tagartha (Do Thag) ag barr an litir seo a lua i gcónaí.

*Please refer to your reference number (Do thag) on the top of this letter at all times.*

Más mian leat an suirbhé seo a fháil go leictreonach as seo amach cuir tic sa bhosca thíos agus cuir isteach do sheoladh ríomhphost led thoil/*If you wish to receive this survey electronically in future please tick the box and supply your email address below:*

#### Míniú/Definitions

(i) **Lánaimseartha/Full time** : Fostaithe lánaimseartha agus fostaithe atá ar chonradh 9 mí nó níos mó nó a bheidh ar chonradh 9 mí nó ós a chionn ar an 31 Deireadh Fómhair 2016.

*Full time employees and employees who will have contracts of 9 months or longer or who will be on contracts of 9 months or longer on 31/10/2016*

(ii) **Eile/Other**: Fostaithe páirtaimseartha/séasúrach/agus fostaithe ar chonradh faoi 9 mí. **Is féidir briseadh síos a thabhairt sa spás sonraíthe más gá.**

*Part-time/seasonal employees including employees on contract of less than 9 months. You may give a breakdown in the space allocated at \*if necessary*

**Sampla 1.** - Más 40 uair an t-seachtain oibre agus má tá beirt fostaithe ag obair 20 uair sa tseachtain is ionann sin agus 1 phost lánaimseartha.  $2 \times 20 = 40$  (1 lánaimseartha) (*If 40 hours is the working week and 2 people working part-time at 20 hours each a week this is equal to 1 full-time equivalent and can be added as 1 in Box 'B' under 'FTE'*)

**Sampla 2.** Má tá 3 fostaithe ar 20 uair sa tseachtain is ionann sin agus 1.5 post lánaimseartha  $3 \times 20 = 60$  (1.5 lánaimseartha). (*3 people working part-time at 20 hours a week each this = 1.5 full time equivalent*)

(iii) **Comhluach Lánaimseartha/Fulltime Equivalent (Lán Aimseartha + Eile/Full time + Other) =**

#### Sampla/Example:

2 fhear lánaimseartha

3 ban lánaimseartha

2 fhear páirtaimseartha (20uair sa tseachtain an duine) = 1 comhluach lánaimseartha/1fulltime equivalent

1 bean páirtaimseartha (20 uair sa tseachtain)= 0.5 comhluach lánaimseartha/0.5 fulltime equivalent .

Lán aimseartha /		+	Eile/Comhluach lánaimseartha		=	Iomlán Fostaithe	
Full Time (i)			Other /Full time equivalent			Total Employment	
Fir	Mná		Fir	Mná		Fir	Mná
2	3		2	1		3	3.5

Eolas Breise: Peigí Weder  
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