

Northern Ireland Quarterly Employment Survey

Date: 13th September 2017

Geographical Area: Northern Ireland

Theme: Labour Market

Frequency: Quarterly

Key Points

Employee jobs estimates are collected from the Quarterly Employment Survey (QES) aspect of the Quarterly Business Survey (QBS). The QES has a sample size of approximately 5,700 and covers all employers with 25 or more employees, all public sector employers and a representative sample of smaller firms.

- The total number of employee jobs increased over the quarter (4,680 jobs) and over the year (10,100 jobs) to 749,740. Increases were experienced in all four sectors over the year with the services sector accounting for the majority (60.6%) of the growth.
- Over the longer term annualised total jobs growth has fallen from 2.2% to 1.5% and 1.4% over the past two years.
- Private sector jobs are now at a series high having increased over both the quarter (by 0.5% or 2,970 jobs) and year (2.0% or 10,700 jobs). Public sector jobs now stand at 10.5% below the series peak in Q3 2009.
- Since the start of recovery in 2012 employee jobs have increased by 8.1% (56,440 jobs) with 78.4% of the increase occurring in the services sector.

The Quarterly Employment Survey Bulletin contains the following chapters:**1. Summary**

- Employee jobs summary
- Infographic summary
- Context

2. NI Employee Jobs

- Seasonally adjusted employee jobs by sector

3. Unadjusted and seasonally adjusted series public / private

- NI public and private sector jobs

4. Composition of employee jobs

- Gender splits
- Full-time/part-time employees

5. Notes to editors**6. Index of Tables****National Statistics**

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All official statistics should comply with all aspects of the Code of Practice for Official Statistics. They are awarded National Statistics status following an assessment by the Authority's regulatory arm. The Authority considers whether the statistics meet the highest standards of Code compliance, including the value they add to public decisions and debate.

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1 Summary of Employee Jobs

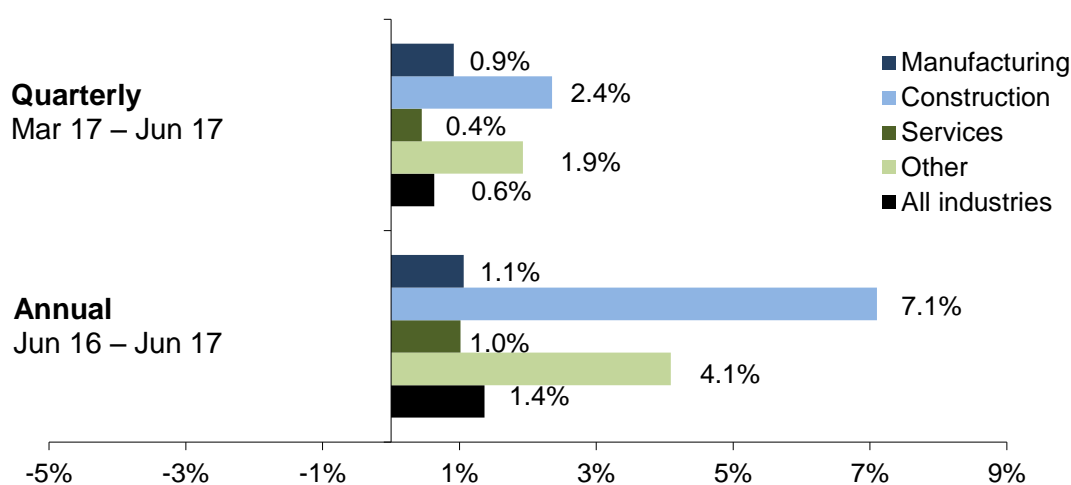
Updated September 2017

Change in employee jobs

The seasonally adjusted employee jobs estimate for Northern Ireland (NI) at June 2017 was 749,740, this was:

- an increase of 0.6% (4,680 jobs) over the quarter from the March 2017 estimate of 745,050.
- an increase of 1.4% (10,100 jobs) over the year from the revised June 2016 estimate of 739,640.

Fig 1.1 Annual and quarterly changes in employee jobs at section level


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Change over the quarter

Comparing seasonally adjusted June 2017 employee jobs to the March 2017 estimates showed:

- an increase in the manufacturing sector by 0.9% (750 jobs) to 82,970 jobs.
- an increase in the construction sector by 2.4% (760 jobs) to 33,150 jobs.
- an increase in the services sector by 0.4% (2,730 jobs) to 610,570 jobs.
- an increase in the other industries sector by 1.9% (440 jobs) to 23,040 jobs.

Change over the year

Comparing seasonally adjusted June 2017 employee jobs to the revised June 2016 estimates showed:

- an increase in the manufacturing sector by 1.1% (870 jobs) to 82,970 jobs.
- an increase in the construction sector by 7.1% (2,200 jobs) to 33,150 jobs.
- an increase in the services sector by 1.0% (6,120 jobs) to 610,570 jobs.
- an increase in the other industries sector by 4.1% (910 jobs) to 23,040 jobs.

Comparing unadjusted data over the year, estimates show:

- The increases in employee jobs over the year outweighed the decreases.
- (i) Land transport and transport via pipelines; (ii) employment activities and (iii) food and beverage service activities saw the greatest increases over the year accounting for 28.0% of all increases in employee jobs (all three sections are in the services sector).
- (i) Retail trade, except of motor vehicles and motorcycles; (ii) services to buildings and landscape activities and (iii) office administrative, office support and other business support activities saw the greatest decreases over the year accounting for 49.7% of all decreases.

Change over the past five years

The first sign of recovery after the decline in employee jobs was in 2012. Over the period June 2012 to June 2017, the seasonally adjusted employee job figures increased by 8.1% (56,440 jobs). The increases were seen across all four industry sectors:

- an increase in the manufacturing sector by 11.1% (8,270 jobs).
- an increase in the construction sector by 6.1% (1,900 jobs).
- an increase in the services sector by 7.8% (44,230 jobs).
- an increase in the other industries sector by 9.7% (2,030 jobs).

Comparing unadjusted data over this five year period, estimates show

- (i) Residential care activities, (ii) employment activities, (iii) food and beverage service activities, (iv) activities of head offices; management consultancy activities, (v) computer programming, consultancy and related activities and (vi) social work activities without accommodation accounted for 51.2% of all increases over the five year period.
- (i) Human health activities, (ii) public administration and defence; compulsory social security, and (iii) manufacture of electrical equipment accounted for 81.1% of all the decreases over the five year period.
- The increases in employee jobs over the period outweighed the decreases.

Public / private sector changes

Seasonally adjusted employee jobs estimates for the public and private sector at June 2017 show:

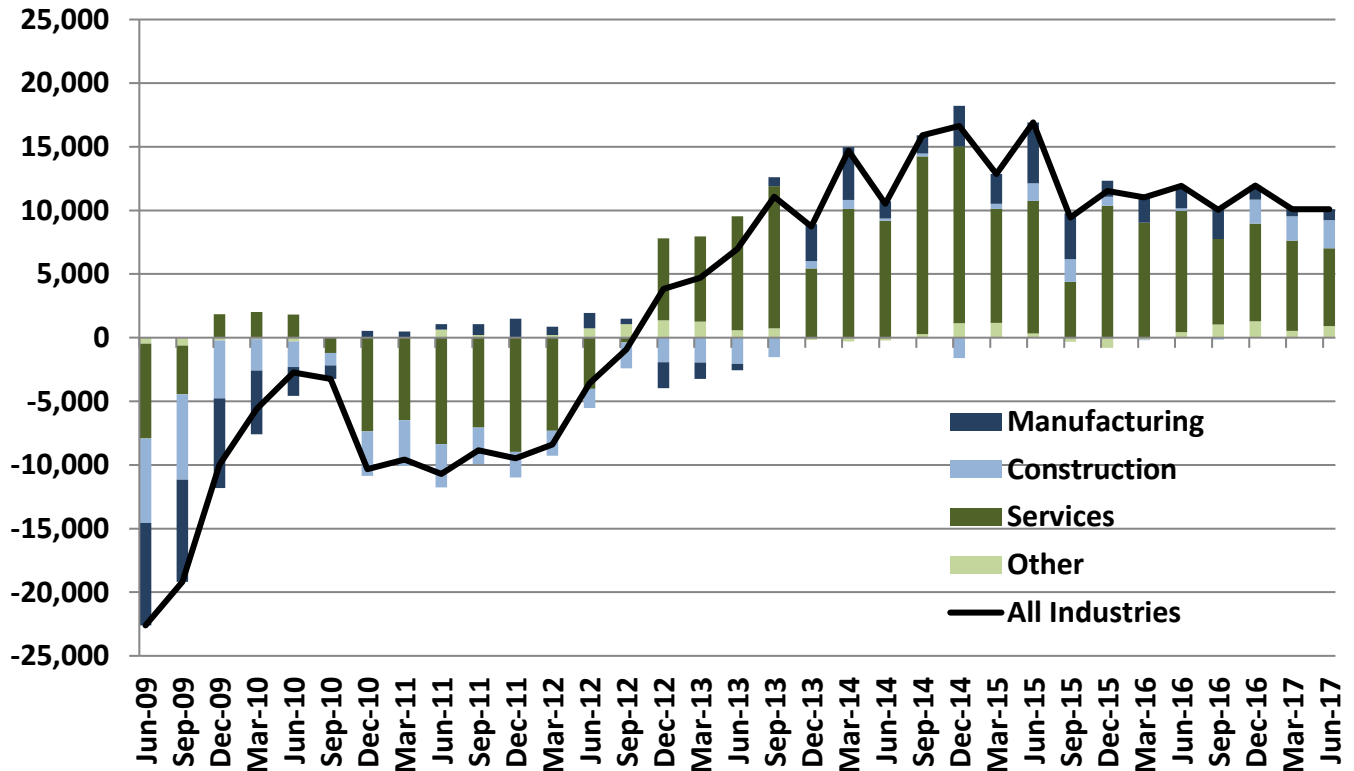
- a decrease of 0.3% (-570 jobs) in the public sector over the quarter and a decrease of 0.3% (-630 jobs) over the year to 201,920 jobs.
- an increase of 0.5% (2,970 jobs) in the private sector over the quarter and an increase of 2.0% (10,700 jobs) over the year to 547,170 jobs.

Commentary

Employee jobs increased over the quarter to June 2017 by 0.6% (4,680 jobs) and over the year by 1.4% (10,100 jobs) to 749,740. Increases were experienced in all four sectors over the quarter and year with the services sector accounting for the majority (60.6%) of the growth.

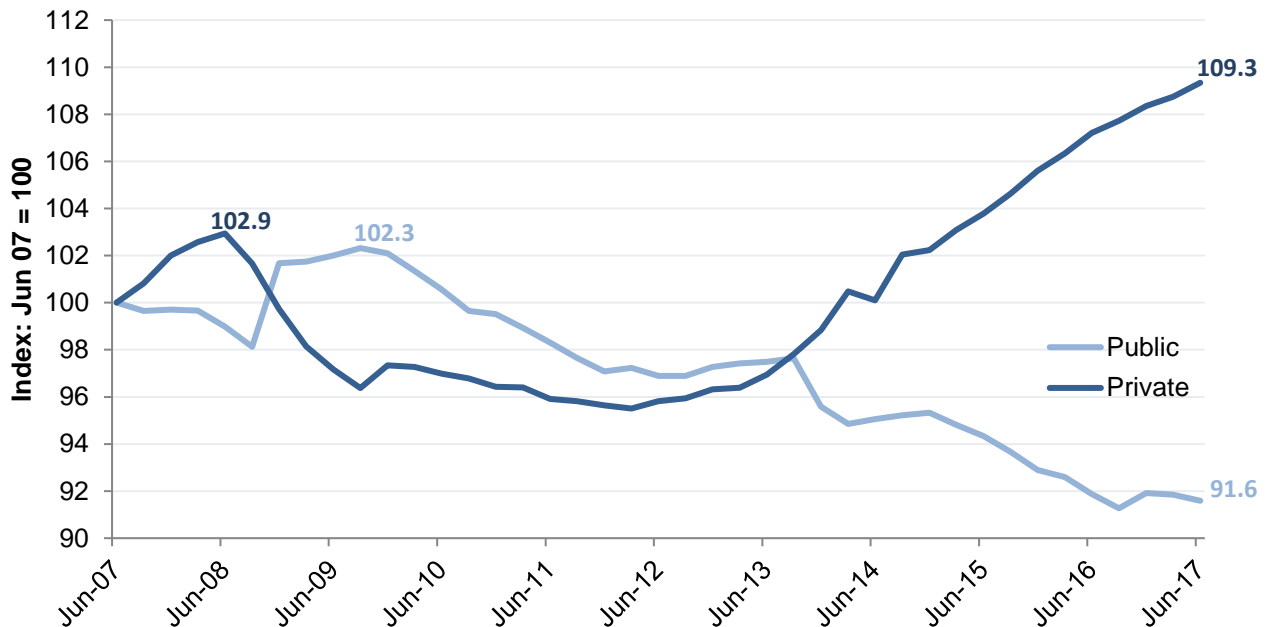
Following the first sign of recovery in March 2012, jobs growth increased to a peak in June 2015 (when jobs increased by 16,920 over the year). Since the peak in jobs growth, annualised growth (based on rolling four quarters) has fallen from 2.2% to 1.4%. The most recent estimates show that total employee jobs have been above the pre-downturn peak since March 2016.

Fig 1.2 Annual change in total employee jobs June 2009 – June 2017



Private sector employee jobs have grown to a series high in June 2017 (547,170 jobs), to now stand at 6.2% above a pre-downturn peak which occurred in June 2008. However there is some evidence that the annual growth in private sector jobs is slowing (from 17,130 over the year to June 2016 to 10,700 over the year to June 2017). Public sector jobs decreased by 570 jobs (-0.3%) over the quarter and is now 10.5% below its series peak which occurred in September 2009.

Figure 1.3: Index of NI private and public sector jobs, June 2007 – June 2017



Figures are indexed to June 2007

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Note:

Royal Mail plc is included in the public sector for September 2013 and earlier periods, but not for subsequent periods.
Lloyds Banking Group and its subsidiaries are included in public sector estimates from December 2008 to December 2013 but not in earlier or subsequent periods.

United Kingdom (UK) figures show an increase of 0.2% over the quarter and 1.4% over the year to June 2017. UK employee jobs have been above the pre-downturn peak since June 2014.

Date of next publication

The next Northern Ireland Quarterly Employment Survey is planned for 13th December 2017

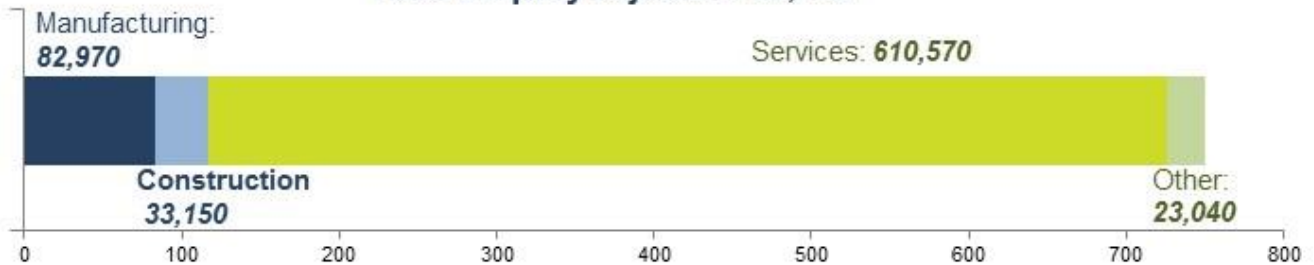
Further information is available on the NISRA - Economic and Labour Market Statistics website: Quarterly Employment Survey

Infographic summary of the latest QES statistics

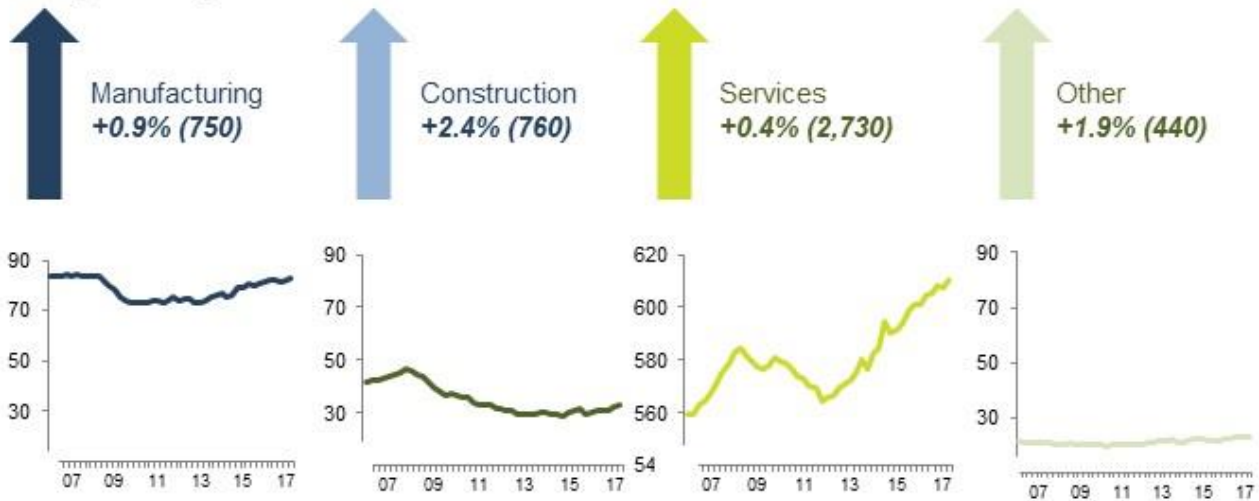
NISRA Labour Market Statistics

Quarterly Employment Survey – June 2017

Total employee jobs: 749,740



Change on quarter



Change on year



All data seasonally adjusted and subject to future revisions.
Data published on 13th September 2017 by Economic and Labour Market Statistics Branch (NISRA).



Context

This bulletin presents data from the Northern Ireland Quarterly Employment Survey (QES), which is conducted by the Economic & Labour Market Statistics (ELMS) Branch of the Northern Ireland Statistics & Research Agency (NISRA).

The QES provides short-term employee jobs estimates for Northern Ireland and covers all public sector bodies, all private sector firms with 25 or more employees and a sample of the remainder. The QES excludes the self-employed, HM Armed Forces, private domestic servants, homeworkers and jobskills trainees without a contract of employment (non-employed status). The survey collects information on the number of males/females in full-time and part-time employment by business activity and the results are collated into industry classes using the 2007 Standard Industrial Classification (SIC07). The number of jobs are counted rather than the number of persons with jobs. For example, a person holding both a full-time job and part-time job, or someone with two part-time jobs, will be counted twice.

Figures from the QES are included in the Labour Market Report (LMR) alongside figures from the Labour Force Survey (LFS), the Claimant Count, the Annual Survey of Hours and Earnings (ASHE) and redundancies data. The current version of the LMR can be found on the ELMS website [LMR](#).

QES employee jobs are also a component of the Office for National Statistics quarterly workforce jobs estimates for the UK. [UK Labour Market Publications](#)

QES employee jobs are included in the [DfE Economic Commentary](#) which provides an overview of the state of the Northern Ireland economy, setting it in context with the UK and Republic of Ireland. The most up-to-date official statistics on the economy and labour market are available on the [Economic Overview section](#) of the website.

Revisions

Results are provisional and subject to revision as more up-to-date data becomes available (e.g. through late returns). Figures can also change as a result of the seasonal adjustment process, methodological changes or changes to classifications.

Further information on the revisions can be found on the NISRA - Economic and Labour Market Statistics website: [Quarterly Employment Survey Revisions](#)

Further information on using QES employee jobs statistics can be found on the NISRA - Economic and Labour Market Statistics website: [Quarterly Employment Survey](#)

Alternative measures of employment

QES is only one of the measures of employment for Northern Ireland. Other measures include the BRES and the Labour Force Survey (LFS). In addition the Farm Census and the Northern Ireland Civil Service Employee Bulletin provide information on specific sub-groups of employees.

Business Register and Employment Survey (BRES)

The BRES is a statutory business survey based on a larger sample than QES and alternates between sample and census coverage biennially. Quarter 3 of the QES is taken at the same survey date as BRES. Breakdowns of employee jobs by geographical location and industry are available from the BRES.

The BRES and QES cover employee jobs only, excluding the self-employed, HM Armed Forces, private domestic servants, homeworkers and job skills trainees without a contract of employment.

Further information can be found on the NISRA - Economic and Labour Market Statistics website: [Business Register and Employment Survey](#)

Labour Force Survey (LFS)

The LFS is a household survey carried out by interviewing individuals about their personal circumstances and work. The LFS defines employment as the number of people in work. This differs from the concept of jobs measured by business surveys as a person can have more than one job, and some jobs may be shared by more than one person. LFS employment figures are based on a rolling three month period whereas QES measures the number of jobs on a particular day. LFS employment figures include those who are employed, self-employed, unpaid family workers and those on Government supported training programmes.

Further information on using LFS statistics can be found on the NISRA - Economic and Labour Market Statistics website: [LFS employment](#)

Farm Census

Figures for the number of employees in agriculture are available separately from the Department of Agriculture, Environment and Rural Affairs (DAERA) Farm Census. The Census is conducted in June of each year, with the results published in the January of the following year. The QES includes farm census figures in the total number of employee jobs.

Further information on using Farm Census statistics can be found on the NISRA DAERA website: [Farm Census](#)

Northern Ireland Civil Service (NICS) Employee Bulletin

NICS employee jobs figures are included in the QES employee jobs figures and breakdowns can be found in the Table 5.12a on the NISRA - Economic and Labour Market Statistics website: [Quarterly Employment Survey](#)

Further information on NICS employee jobs can be found in the NICS Employee Bulletin. This bulletin provides details on NICS staff numbers on a quarterly basis and provides comparisons with the previous quarter, the wider public sector, as well as a comparison with the previous year. The survey dates for the NICS Employee Bulletin differ from the QES survey dates. As such the figures for the NICS employee jobs may differ.

Further information on employment within the Northern Ireland Civil Service (NICS) is available from the NICS Employment bulletin [NICS Employment bulletin](#).

2 NI Employee Jobs

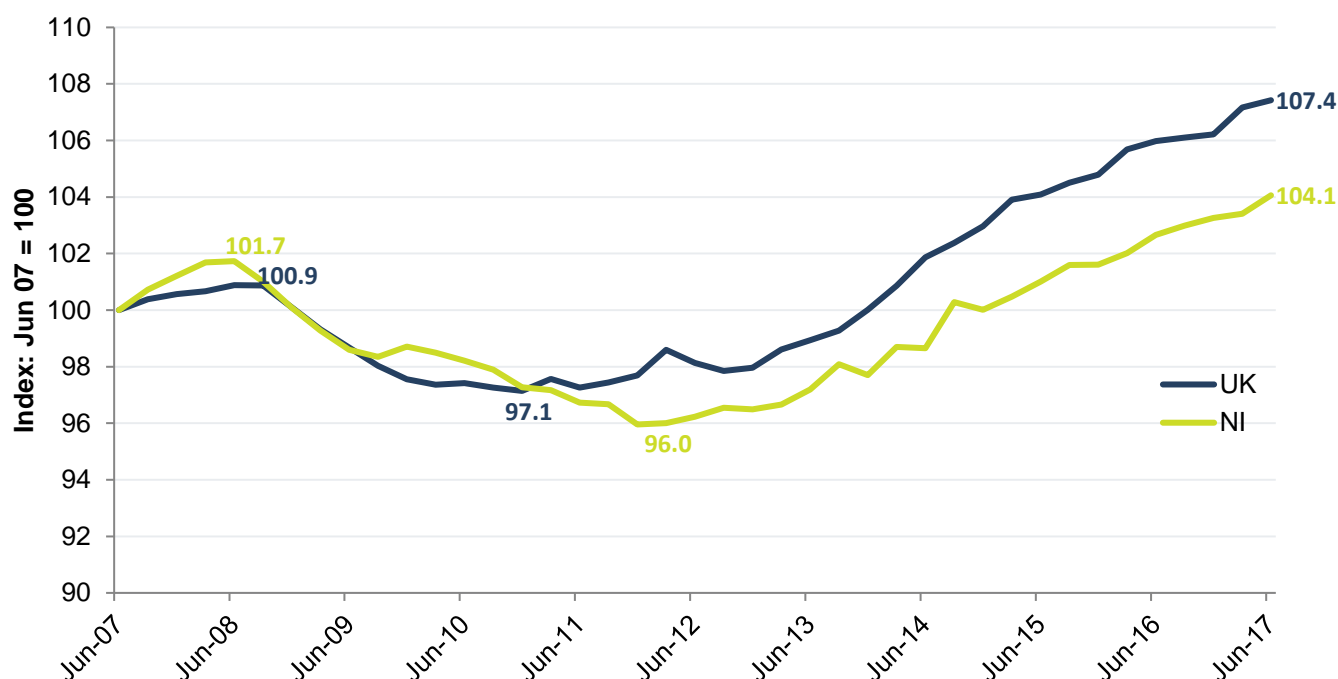
Employee: An employee is defined as anyone aged 16 years or over that is directly paid from a business's payroll for carrying out a full-time or part time job or being on a training scheme in Northern Ireland.

Employee jobs counts the number of jobs rather than the number of persons with jobs.

Key Findings:

- Employee jobs increased over the quarter by 0.6% (4,680 jobs) and over the year by 1.4% (10,100 jobs) to 749,740.

Figure 2.1: Index of employee jobs, June 2007 – June 2017



Figures are indexed to June 2007

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Figure 2.1 shows the estimated seasonally adjusted employee jobs, indexed to allow comparison between NI and the UK. Both series had a peak in June 2008 with the UK reaching its lowest point in December 2010 – one year before the NI low in December 2011.

Employee Jobs

The June 2017 seasonally adjusted employee jobs total in NI stands at 749,740, which was:

- an increase of 0.6% (4,680 jobs) from the March 2017 estimate of 745,050
- an increase of 1.4% (10,100 jobs) over the year.

Employee jobs by broad industry sector

The seasonally adjusted quarterly change consisted of:

- an increase of 0.9% in the manufacturing sector (750 jobs) to 82,970 jobs
- an increase of 2.4% in the construction sector (760 jobs) to 33,150 jobs
- an increase of 0.4% in the services sector (2,730 jobs) to 610,570 jobs
- an increase of 1.9% in the other industries sector (440 jobs) to 23,040 jobs.

The seasonally adjusted annual change consisted of:

- an increase of 1.1% in the manufacturing sector (870 jobs) to 82,970 jobs
- an increase of 7.1% in the construction sector (2,200 jobs) to 33,150 jobs
- an increase of 1.0% in the services sector (6,120 jobs) to 610,570 jobs
- an increase of 4.1% in the other industries sector (910 jobs) to 23,040 jobs.

Northern Ireland employee jobs annual change by industry Q2 2016 - Q2 2017

Change by broad industry sector (seasonally adjusted)

Manufacturing



+1.1% (870 jobs)
total jobs 82,970

Construction



+7.1% (2,200 jobs)
total jobs 33,150

Services



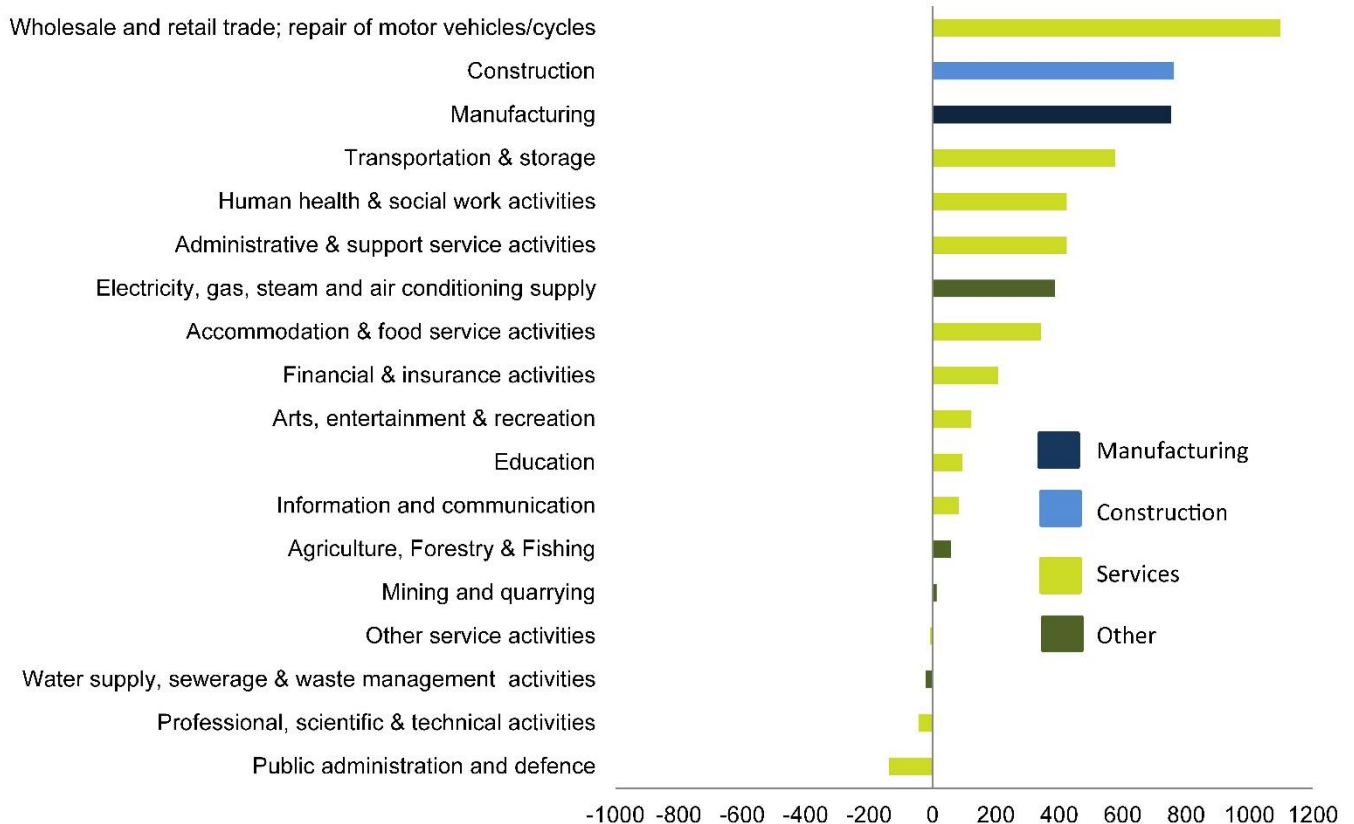
+1.0% (6,120 jobs)
total jobs 610,570

Other



+4.1% (910 jobs)
total jobs 23,040

Change by industry section (seasonally adjusted)



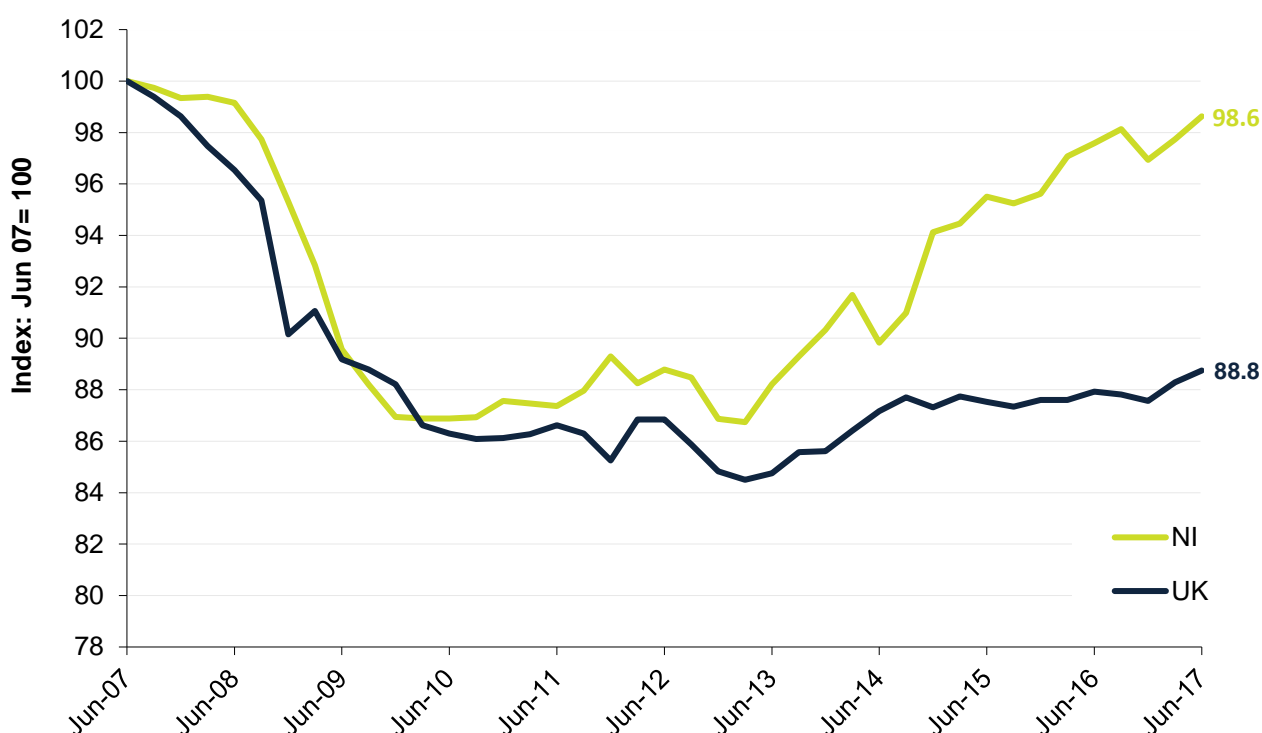
Manufacturing sector

Manufacturing sector: the manufacturing sector contains businesses which produce merchandise for use or sale. It also contains businesses with activity of printing and reproduction of recorded media and businesses that repair and install machinery and equipment.

Key Findings:

- The manufacturing sector accounted for 11.1% of all employee jobs.
- Seasonally adjusted figures show an increase of 0.9% in the manufacturing sector over the quarter to June 2017 and an increase of 1.1% over the year to 82,970 jobs.

Figure 2.2: Index of manufacturing employee jobs, June 2007 – June 2017



Figures are indexed to June 2007

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The manufacturing sector in NI experienced a period of sharp decline between June 2008 and December 2009 whilst the UK showed decreases in the number of employee jobs in the manufacturing sector from March 2008, with both the UK and NI reaching a series low in March 2013. In March 2013 the NI manufacturing sector stood at 86.7% of the June 2007 figure and the UK figure stood at 84.8% of the June 2007 level.

Whilst the manufacturing sector in both NI and the UK have increased since their series low, NI remained 1.4% below the 2007 level while the UK remained 11.2% lower than in 2007.

Key Findings

Seasonally adjusted data showed that the manufacturing sector increased by 0.9% (750 jobs) over the quarter and increased by 1.1% (870 jobs) over the year to 82,970 in June 2017.

The following breakdowns are based on 2 digit SIC manufacturing data that have not been adjusted for seasonality.

Changes over the year

Over the year to June 2017 the unadjusted figures showed an increase of 1.1% (870 jobs) in the manufacturing sector. The 3 largest contributors to this increase were:

- an increase of 10.2% (790 jobs) in the manufacture of fabricated metal products, except machinery and equipment.
- an increase of 6.3% (350 jobs) in the manufacture of rubber and plastic products.
- an increase of 1.8% (340 jobs) in the manufacture of food products.

These increases were partially offset by decreases in the manufacturing sector; the 3 largest decreases over the year being:

- a decrease of 6.5% (-490 jobs) in the manufacture of other transport equipment
- a decrease of 37.7% (-420 jobs) in the manufacture of beverages and tobacco products
- a decrease of 4.7% (-310 jobs) in the manufacture of machinery and equipment n.e.c.

For figures broken down by 2 digit SIC please see table 5.12 on the NISRA - Economic and Labour Market Statistics website: [Quarterly Employment Survey](#)

When using table 5.12 please consider the notes on 'Using 2 Digit SIC Level Data' in section 5 – Further Info.

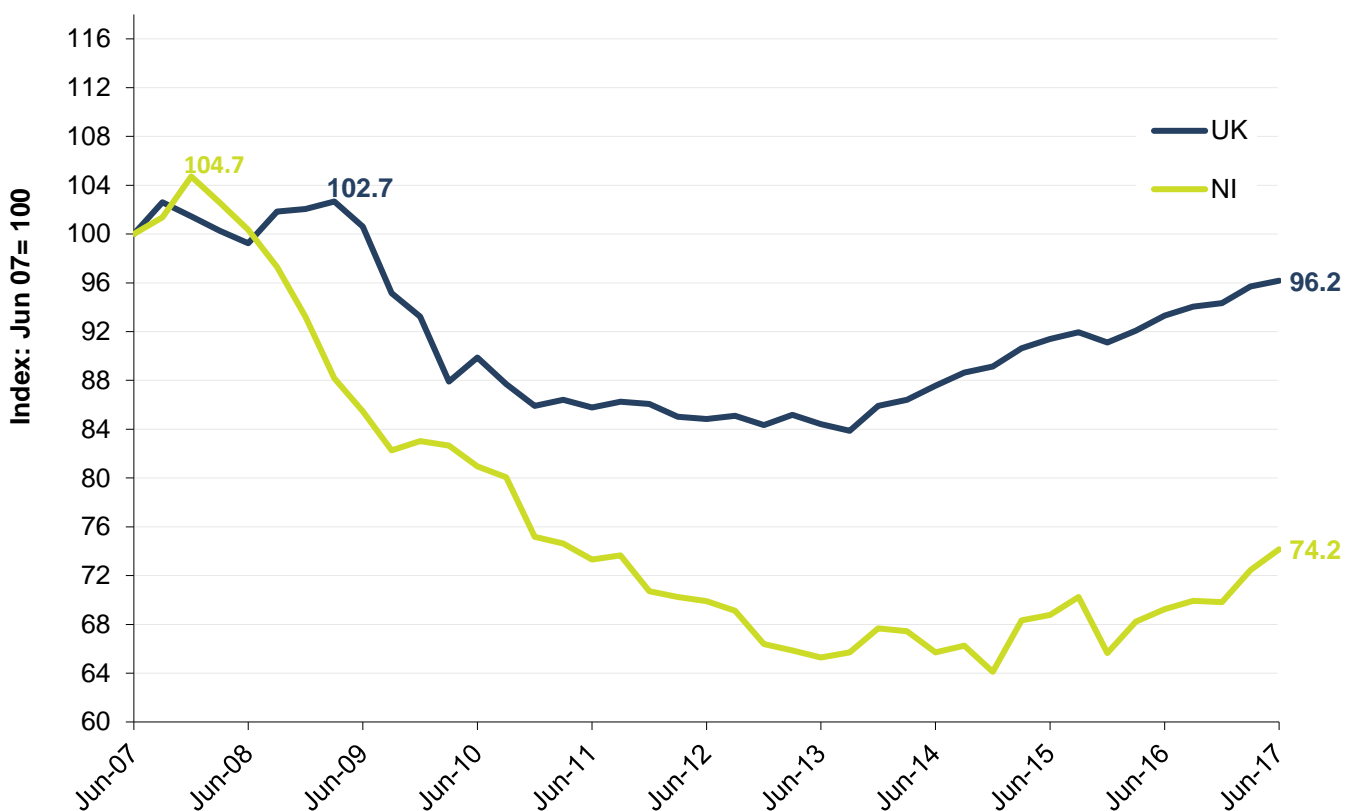
Construction sector

Construction sector: construction is the process of creating and building infrastructure or a facility. It differs from manufacturing in that manufacturing typically involves mass production of similar items without a designated purchaser and construction is typically done on location for a known client. The construction sector consists of businesses with activity in the construction of buildings, civil engineering or specialised construction activities.

Key Findings:

- The construction sector made up 4.4% of the total employee jobs figure.
- Seasonally adjusted figures showed an increase of 2.4% over the quarter to June 2017 and an increase of 7.1% over the year to 33,150 jobs.

Figure 2.3: Index of construction employee jobs, June 2007 – June 2017



Figures are indexed to June 2007

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Over the past 10 years there has been an overall decrease in the construction sector in NI and the UK. NI experienced its series peak in December 2007 of 4.7% higher than the June 2007 level. The UK also increased from June 2007 but reached its peak in March 2009, 2.7% higher than the June 2007 level.

Key Findings

Seasonally adjusted data showed that the construction sector increased by 2.4% (760 jobs) over the quarter and increased by 7.1% (2,200 jobs) over the year to 33,150.

The following breakdowns are based on 2 digit SIC construction data that have not been adjusted for seasonality:

Changes over the year

Over the year to June 2017 the unadjusted figures showed an increase of 7.1% (2,200 jobs) in the construction sector.

The following changes occurred over the year:

- an increase of 16.1% (1,200 jobs) in civil engineering
- an increase of 7.5% (1,190 jobs) in specialised construction activities
- a decrease of 2.5% (-190 jobs) in construction of buildings

For figures broken down by 2 digit SIC please see table 5.12 on the NISRA - Economic and Labour Market Statistics website: [Quarterly Employment Survey](#)

When using table 5.12 please consider the notes on 'Using 2 Digit SIC Level Data' in section 5 – Further Info.

Services sector

The services sector contains businesses which sell services and skills; and includes education, public administration and health and social work activities. A full list of the industry sections G-S which are included in the services sector can be found in table 5.5 on the NISRA - Economic and Labour Market Statistics website: [Quarterly Employment Survey](#)

Key Findings:

- The services sector accounted for 81.8% of all employee jobs.
- Seasonally adjusted figures showed an increase of 0.4% (2,730 jobs) over the quarter to June 2017 and an increase of 1.0% over the year to 610,570 service sector jobs.
- The services sector accounted for the majority (60.6%) of growth over the year and has been driving the recovery since the series low in employee jobs in December 2011.

Figure 2.4: Index of services employee jobs, June 2007 – June 2017



Figures are indexed to June 2007

[Download in excel](#)

Over the last 10 years the services sector in NI and the UK both increased overall reaching their peak in the most recent quarter. The number of employee jobs in the NI services sector increased by 39,820 over the 10 year period.

Key Findings

Seasonally adjusted data showed that the services sector increased by 0.4% (2,730 jobs) over the quarter and by 1.0% (6,120 jobs) over the year to 610,570 in June 2017.

The following breakdowns are based on 2 digit SIC services data that have not been adjusted for seasonality:

Changes over the year

Over the year to June 2017 the unadjusted figures reported an increase of 1.0% (6,110 jobs) in the services sector. The 3 largest contributors to this increase over the year were:

- an increase of 12.5% (1,800 jobs) in land transport and transport via pipelines.
- an increase of 9.0% (1,790 jobs) in employment activities.
- an increase of 4.6% (1,750 jobs) in food and beverage service activities.

These increases were partially offset by decreases in the services sector, the 3 largest decreases over the year being:

- a decrease of 2.8% (-2,560 jobs) in retail trade, except of motor vehicles and motorcycles.
- a decrease of 9.7% (-1,180 jobs) in services to buildings and landscape activities.
- a decrease of 6.6% (-730 jobs) in office administrative, office support and other business support activities.

For figures broken down by 2 digit SIC please see table 5.12 on the NISRA - Economic and Labour Market Statistics website: [Quarterly Employment Survey](#)

When using table 5.12 please consider the notes on 'Using 2 Digit SIC Level Data' in section 5 – Further Info.

Other industries sector

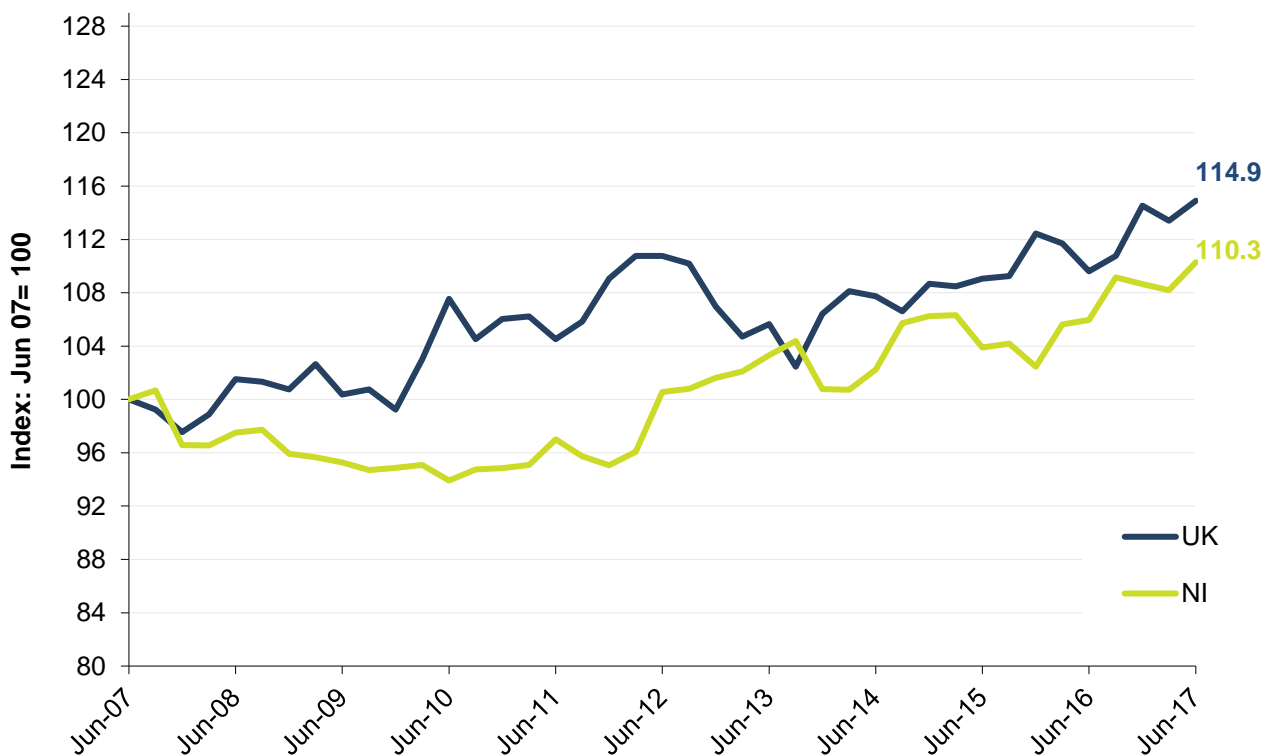
Other industries sector: the other industries sector contains businesses with activity in agriculture, forestry and fishing, mining and quarrying, electricity, gas, steam and air conditioning supply and water supply, sewerage, waste management and remediation activities (industry sections A,B,D and E).

Estimates from the annual Farm Census are included in industry section A (accounting for 95% of the employee jobs in the section). The Farm Census figures are updated annually.

Key Findings:

- The other industries sector made up 3.1% of all employee jobs.
- Seasonally adjusted figures showed an increase of 1.9% (440 jobs) in the other industries sector over the quarter to June 2017 and an increase of 4.1% (910 jobs) over the year to 23,040 jobs.

Figure 2.5: Index of other industries sector jobs, June 2007 - June 2017



Figures are indexed to June 2007

[Download in excel](#)

Over the last 10 years the other industries sector in NI and the UK increased overall reaching their peak in the most recent quarter. The number of employee jobs in the NI other industries sector increased by 2,150 over the 10 year period to June 2017.

Key Findings

Seasonally adjusted data showed that the other industries sector increased by 1.9% (440 jobs) over the quarter and increased by 4.1% (910 jobs) over the year to 23,040 jobs.

The following breakdowns are based on 2 digit SIC other industries data that have not been adjusted for seasonality:

Changes over the year

Over the year to June 2017 the unadjusted figures showed an increase of 2.4% (540 jobs) in the other industries sector. The 3 largest contributors to this increase over the year were:

- an increase of 12.0% (250 jobs) in electricity, gas, steam and air conditioning supply.
- an increase of 6.5% (250 jobs) in waste collection, treatment and disposal activities; materials recovery.
- an increase of 1.6% (190 jobs) in crop and animal production, hunting and related service activities.

These increases were partially offset by a decrease of 12.4% (-10 jobs) in mining support service activities.

For figures broken down by 2 digit SIC please see table 5.12 on the NISRA - Economic and Labour Market Statistics website: [Quarterly Employment Survey](#)

When using table 5.12 please consider the notes on 'Using 2 Digit SIC Level Data' in section 5 – Further Info.

3 Public / private sector employee jobs

Public sector: The NI public sector can be broken down into five areas:

- NI central government
- Bodies under aegis of NI central government
- UK central government employees based in Northern Ireland
- Local government
- Public corporations

Private sector: The private sector encompasses all for-profit businesses (that are not owned or operated by the government) and the voluntary sector; which includes charities and other non-profit organisations.

Key findings:

- **The NI public sector made up 27.0% and the private sector made up 73.0% of all employee jobs.**
- **Seasonally adjusted employee jobs in the private sector increased over the quarter and increased over the year to 547,170 jobs.**
- **Seasonally adjusted employee jobs in the public sector decreased over the quarter and decreased over the year to 201,920 jobs.**

The latest seasonally adjusted employee jobs figures estimate that there are:

- 201,920 employees in the NI public sector.
- 547,170 employees in the NI private sector.

Changes over the quarter

The latest seasonally adjusted figures represented:

- a decrease of 0.3% (-570 jobs) in the public sector.
- an increase of 0.5% (2,970 jobs) in the private sector.

Changes over the year

The latest seasonally adjusted figures represented:

- a decrease of 0.3 % (-630 jobs) in the public sector.
- an increase of 2.0% (10,700 jobs) in the private sector.

4 Composition of employee jobs

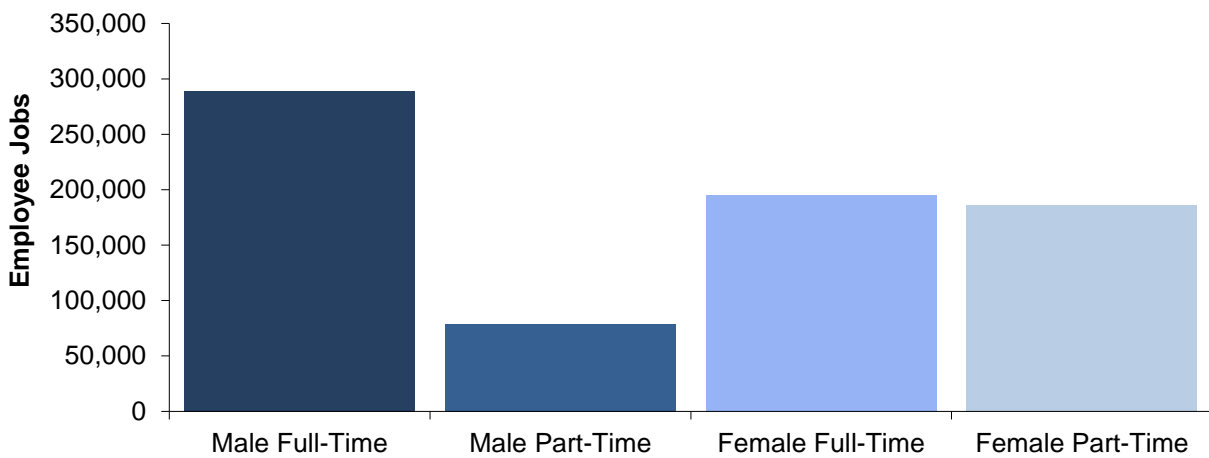
Data in this section have not been adjusted for seasonality.

Part-time: Part-time means those who normally work 30 hours a week or less.
Full-time: Full-time means those who normally work more than 30 hours a week.

Key Findings

- Over half of employee jobs in NI were occupied by females.
- A higher proportion of female employees worked part-time than male employees.
- An increase in full-time and part-time jobs over the quarter and year.

Fig 4.1: Composition of Employee Jobs, June 2017

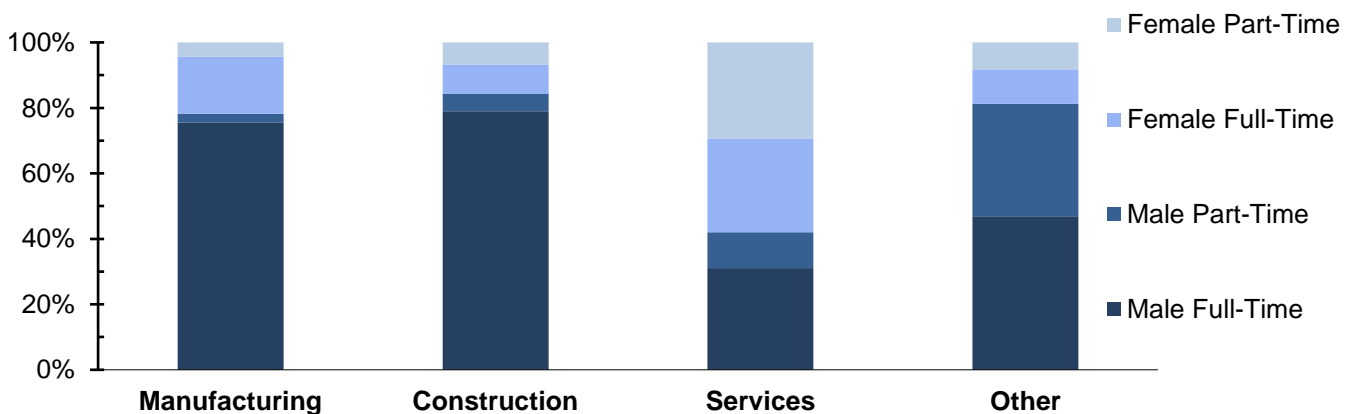


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Estimates show there were 749,510 employee jobs in NI at June 2017. Of these:

- 50.9% of employee jobs were occupied by a female and 49.1% were occupied by a male.
- Just under half (48.9%) of female employee jobs were part-time.
- 78.6% of male employees worked on a full-time basis.

Fig 4.2: Employee jobs composition in broad industry sectors, June 2017



[Download in excel](#)

The latest estimates showed that:

- A large proportion of employee jobs in the construction (79.0%) and manufacturing (75.6%) sectors were occupied by male full-time employees.
- Females occupied 58.0% of the 610,230 employee jobs within the services sector.
- The composition of female jobs in the services sector is almost divided evenly between full-time (49.5%) and part-time (50.5%) workers.

Changes over the year

The following changes occurred over the year:

- an increase of 2,230 full-time jobs and an increase of 7,860 part-time jobs.
- full-time employee jobs increased by 1,230 jobs in the manufacturing sector whilst the part-time jobs decreased by 350 jobs over the year.
- full-time employee jobs increased by 2,520 jobs whilst part-time employee jobs decreased by 320 jobs in the construction sector over the year.
- full-time employee jobs decreased by 2,300 jobs in the services sector whilst the part-time jobs increased by 8,410 jobs over the year.
- full-time employee jobs accounted for 86.9% of the increase of 910 jobs in the other industries sector over the year.

Longer term growth

- Annualised total jobs growth has remained at a similar level over the past year (1.5% in June 2016 and 1.4% in June 2017).
- Annualised full-time jobs growth has decreased from 2.2% in June 2016 to 1.0% in June 2017.
- Annualised part-time jobs growth has remained at a similar level over the past year (1.5% in June 2016 and 1.4% in June 2017).

Further information is available on the NISRA - Economic and Labour Market Statistics website:
[Quarterly Employment Survey](#)

5 Further Information

Background

Estimates of the number of employee jobs are obtained from the Quarterly Business Survey (QBS). Until March 2016, employee job data was collected in the voluntary QES. From March 2016 onwards the QES, Index of Services (IOS) and Index of Production (IOP) amalgamated into the Quarterly Business Survey (QBS). The QBS is a statutory survey collected under the Statistics of Trade and Employment (Northern Ireland) Order 1988. The QES, IOS and IOP are sampled independently and there is an overlap between QES and IOS/IOP of approximately 2,000 businesses. The change in the collection method has not impacted on the employee jobs methodology.

The QES element of the QBS covers all public sector bodies, all private sector firms with 25 or more employees and a sample of the remainder. The QBS collects employee data split by gender and working pattern. The sample size is such that estimates of total employee jobs should be accurate to within +/- 1% of the [Business Register and Employment Survey](#) total. The survey collects information on numbers of persons in full-time and part-time employment. It should be noted that the survey counts the number of jobs rather than the number of persons with jobs. For example, a person holding both a full-time job and a part-time job, or someone with two part-time jobs, will be counted twice.

Employment results are collated into industry classes using the 2007 Standard Industrial Classification (SIC07). As a result, there is no breach of confidentiality.

Revisions Policy

It is normal practice for QES estimates to be revised. Benchmarking to BRES was carried out in December 2016 and so all quarters prior to and including Q3 2015 are now fixed. Subsequent quarters (Q4 2015 onwards) are provisional and subject to revision in light of (a) late responses to surveys and administrative sources, (b) where cross survey congruence checks provide more accurate data and (c) there are revisions to seasonal adjustment factors which are re-estimated every quarter. A common pitfall in interpreting series is that expectations of accuracy and reliability in early estimates are often too high. Revisions are an inevitable consequence of the trade-off between timeliness and accuracy. Early estimates are based on incomplete data.

Very few statistical revisions arise as a result of 'errors' in the popular sense of the word. All estimates, by definition, are subject to statistical 'error' but in this context the word refers to the uncertainty inherent in any process or calculation that uses sampling, estimation or modelling. Most revisions reflect either the adoption of new statistical techniques, or the incorporation of new information, which allows the statistical error of previous statements to be reduced. Only rarely are there avoidable 'errors' such as human or system failures, and such mistakes are made quite clear when they do occur.

QES estimates are revised quarterly to reflect the latest information provided to the Department by employers. The March 2017 seasonally adjusted estimate first published in June 2017 has subsequently been revised down (-0.1%). For further details of QES revisions please see link below:

[QES Revisions](#)

Annualised or Rolling 4 Quarters

Annualised growth or rolling 4 quarters figures are calculated by taking the average over the most recent 4 quarters and subtracting the average over the same 4 quarters of the previous year. For example annualised growth of 1.4% for Q2 2017 is the average of jobs figures from Q3 2016 to Q2 2017 minus the average of jobs figures from Q3 2015 to Q2 2016 divided by the average of jobs figures from Q3

2015 to Q2 2016. This measure allows for comparison in growth to previous years and is useful in determining trends in the data.

Coverage

The quarterly survey covers all industrial sections apart from agriculture. Overall employment (i.e. employees and the self-employed) estimates for the agricultural sector are provided, on an annual basis (figures for June are provided in the January of the following year), from the Department of Agriculture, Environment and Rural Affairs (DAERA) Farm Census. Self-employed agriculture workers are defined as including full-time farmers and partners on all agricultural businesses. Agriculture employees include all workers on agricultural businesses other than (a) part-time farmers and partners and (b) farmers' spouses. They include full-time, part-time and casual workers, both paid and unpaid. Only the numbers of employees from the Farm Census are included in the QES estimates.

Further information is available on the NISRA - Economic and Labour Market Statistics website:

[Quarterly Employment Survey](#)

Public Sector

Public sector jobs comprise Central Government (including Bodies under the aegis of Central Government), Local Government and Public Corporations. An announcement in April 1993 transferred National Health Service Trusts from 'Bodies under the aegis of Central Government' to 'Public Corporations'. A subsequent announcement by the Public Sector Classification Committee (PSCC) in July 2003 stated that all NHS Trusts should retrospectively be reclassified to Central Government. In addition, following advice from PSCC, Northern Ireland Housing Executive employees were reclassified from SIC 75 to SIC 70 in December 2006. This change applies to each quarter from Quarter 1 2004 onwards. From 1st April 2007, The Water Service became a Government owned company known as "Northern Ireland Water". As a result its employees have been transferred from "NI Central Government" to "Bodies under the Aegis of NI Central Government". In October 2013 the PSCC announced that Royal Mail plc had been reclassified to the private sector. It is therefore included in the public sector for September 2013 and earlier periods, but not for subsequent periods. In December 2013 a further announcement by the PSCC reclassified Lloyds Banking Group and its subsidiaries to the private sector. They are therefore included in public sector estimates from December 2008 to December 2013 but not in earlier or subsequent periods.

Seasonal Adjustment

A seasonally adjusted employment series provides a better indication of underlying trends in employment. Figures by section are shown in the tables on the website ([Quarterly Employment Survey](#)) and a time series of main industrial sector from 2005 onwards are also shown in the tables on the website. Section and main industrial sector are seasonally adjusted where seasonality exists. At the latest review of our seasonal adjustment process, it was found that there was no seasonality in sections A, F, J, K, L, S, T or U.

Business Register and Employment Survey

Information on employee jobs at a sub Northern Ireland level (e.g. District Council Area (DCA), Parliamentary Constituency Area (PCA), Ward Level) and at the 5-digit SIC07 level are available from the Northern Ireland Business Register and Employment Survey. Details of the Business Register and Employment Survey results are available from NISRA ELMS Tel: (028) 9052 9474 or on the ELMS website [Business Register and Employment Survey](#)

Discontinuity

Users of QES data should be aware that the sample coverage used to derive employee jobs estimates in NI was extended in 2009. This change was introduced to provide more comprehensive estimates of employee jobs and also to ensure a consistency of methodology between the 3 main sources of this

information namely the NI QES, the NI Census of Employment and the new NI BRES. The extension in sample coverage has resulted in a discontinuity in the employee jobs series from the reference period Q3 2009 onwards. A more detailed note on these changes and their impact are available at the following link: [Discontinuity](#)

Using 2 Digit SIC Level Data

Please note it is likely that the introduction of sample rotation from March 2014 has contributed to the volatility of the series. To counteract these effects from March 2016 the number of businesses selected in Standard Industrial Classification (SIC) and size bands experiencing the greatest impact of rotation has increased.

Volatility also arises when businesses inform NISRA of SIC code changes via business surveys, ONS and HMRC. This new information helps to improve the industry estimates of employee jobs each quarter but also adds volatility to quarterly and annual changes, particularly at 2 digit SIC level. It is therefore recommended that changes in employee jobs estimates at 2 digit SIC level are considered in the context of a longer time series. The refresh to the IDBR variables as mentioned in the revisions section (source BRES) also effects the SIC code businesses are classified into. For more detail please see information document on the [Revisions](#) web page.

Further Information

For further information on the methodology of the QES, please see link below to the background notes and methodology guide.

[Background Information](#)

Further breakdowns of employee jobs by geography and industry are available from the BRES:

[Annual Employee Jobs Surveys](#)

AN ELECTRONIC VERSION OF THIS DOCUMENT WITH ASSOCIATED HYPERLINKS IS AVAILABLE ON THE [NISRA – ECONOMIC AND LABOUR MARKET STATISTICS WEBSITE](#)

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