

Annual Population Survey  
Key Variables  
October 2014 –  
September 2015

Produced January 2016



@CardiffDebate  
#CardiffDebate



# Cardiff Research Centre

Cardiff Research Centre is part of the City of Cardiff Council's Policy, Partnerships & Community Engagement service. We strive to deliver research, information and consultation services for the City of Cardiff Council and its partner organisations.

## Services include:

- Collection, analysis and interpretation of primary survey data;
- Analysis and interpretation of a wide range of secondary demographic and socioeconomic data including the Census and all other sources from the wider data environment;
- Specialised studies on a wide range of topics including social, economic and demographic data sources and their uses;
- Quantitative and qualitative research and consultation projects;
- Supporting the Cardiff Debate Community Engagement exercise with other public service partners;
- Management of the Cardiff Citizens' Panel;
- Focus Group facilitation;
- Advice and support on all aspects of research including survey & questionnaire design, &
- GIS thematic & schematic mapping services.

For further information please contact:

Cardiff Research Centre

Telephone: 029 2087 3217

Email: [research@cardiff.gov.uk](mailto:research@cardiff.gov.uk) or [consultation@cardiff.gov.uk](mailto:consultation@cardiff.gov.uk)

To find out more about what we do – visit [www.askcardiff.com](http://www.askcardiff.com) or [www.cardiffdebate.com](http://www.cardiffdebate.com)



@CardiffDebate  
#CardiffDebate

## Executive Summary

- The employment rate of Cardiff's total population aged 16-64 compares poorly with SE Wales (excluding Cardiff), Wales and the UK. This is also the case for males, while the female rate only exceeds that of the rest of SE Wales.
- The percentage of Cardiff's total population aged 16-64 who are employees is above the equivalent figures for SE Wales (excluding Cardiff) and Wales, but below that of the UK. When broken down by gender, the local authority has the joint-lowest male rate (along with Wales), but, in contrast, has the highest female proportion.
- The proportion of Cardiff's total, male and female populations aged 16-64 who are self-employed are all below the comparable percentages seen in each of the other regions.
- The unemployment rates of Cardiff's total, male and female populations aged 16-64 are above those of the other three regions.
- Cardiff's total, male and female unemployment rates for its population aged 16+ also all exceed those of SE Wales (excluding Cardiff), Wales and the UK.
- The economic activity rates of Cardiff's total and male populations aged 16-64 compare poorly with each of the other regions. However, the female rate is only below that of the UK.
- Cardiff's total economically inactive population is more inclined to want to work than their counterparts in Wales and the UK, but they are less likely to want to find employment than the economically inactive population in the rest of SE Wales. Although the proportion of inactive males in the local authority that want a job exceeds those of each of the other three regions, Cardiff has the lowest female rate.
- The main areas of employment in Cardiff are in the Professional, and Associate professional & technical occupations. Along with Sales & customer service occupations, these are also the only categories where Cardiff employs a higher percentage of its workforce than each of the other three regions.
- Only around half of Cardiff's ethnic minority population aged 16-64 are in employment. This rate compares unfavourably with the other three regions.
- Around one-in-seven of Cardiff's ethnic minority population aged 16+ are unemployed; greater than the equivalent rates seen in Wales, SE Wales (excluding Cardiff) and the UK.

- Approximately two-fifths of Cardiff's ethnic minority population aged 16-64 are economically inactive. This figure exceeds those seen in each of the other regions.
- The qualifications of Cardiff's population aged 16-64 compare favourably with SE Wales (excluding Cardiff), Wales and the UK. Cardiff has the highest percentage of people achieving NVQ4+, NVQ3+, NVQ2+ and NVQ1+, as well as the lowest proportion with no qualifications. In addition, the percentage of people with other qualifications is only below the rest of SE Wales figure.

## Contents

	<b>Page</b>
<b>Executive Summary</b>	3
<b>Introduction</b>	6
<b>Employment: Population Aged 16 – 64</b>	7
<b>Unemployment</b>	9
<b>Economic Activity: Population Aged 16 – 64</b>	9
<b>Economic Inactivity: Population Aged 16 – 64</b>	10
<b>Occupation of Employed</b>	11
<b>Ethnic Minority Population</b>	12
<b>Qualifications: Population Aged 16 – 64</b>	13

# Summary Report

## Annual Population Survey

### October 2014 to September 2015

### Key Variables

---

#### Introduction

All data used in this report is issued by the **Office of National Statistics (ONS)** via NOMIS – National Online Manpower Information System<sup>1</sup>.

The Annual Population Survey (APS) is a combined survey of households in Great Britain that provides information on key social and socioeconomic variables between the ten-yearly censuses, in particular for sub-regional areas. Due to sample size limitations the data is not available below local authority level (i.e. wards and super output areas).

The APS initially comprised the annual Local Area Labour Force Survey (LALFS) as well as a new sample boost aimed at achieving a minimum sample of 500 economically active adults in each local authority district. However, due to costing issues, this boost was subsequently scaled back and eventually withdrawn causing it to revert to the sample used for the previous annual LALFS. The size of the current total APS sample is approximately 250,000 people with around 1,400 residing in Cardiff.

The first APS data was published for the period January to December 2004 and subsequent APS data has been published quarterly with each publication covering a year's data. This report utilizes information covering the period October 2014 to September 2015 (issued in January 2016) with the datasets used relating to key labour market variables.

The original APS data tables contain confidence intervals for each cell of data. These confidence intervals have been excluded from the tables contained within this summary for ease of use. The confidence intervals for Cardiff data are wider than the South East Wales (excluding Cardiff)<sup>2</sup>, Wales or UK estimates due to the size of the relative samples. However, unless otherwise stated, the estimates do provide sufficient statistical confidence for publication, dissemination and use.

---

<sup>1</sup> See website at: [www.nomisweb.co.uk](http://www.nomisweb.co.uk)

<sup>2</sup> South East Wales (excluding Cardiff) in this context refers to the following 9 unitary authorities: Blaenau Gwent, Bridgend, Caerphilly, Merthyr Tydfil, Monmouthshire, Newport, Rhondda Cynon Taff, Torfaen & The Vale of Glamorgan.

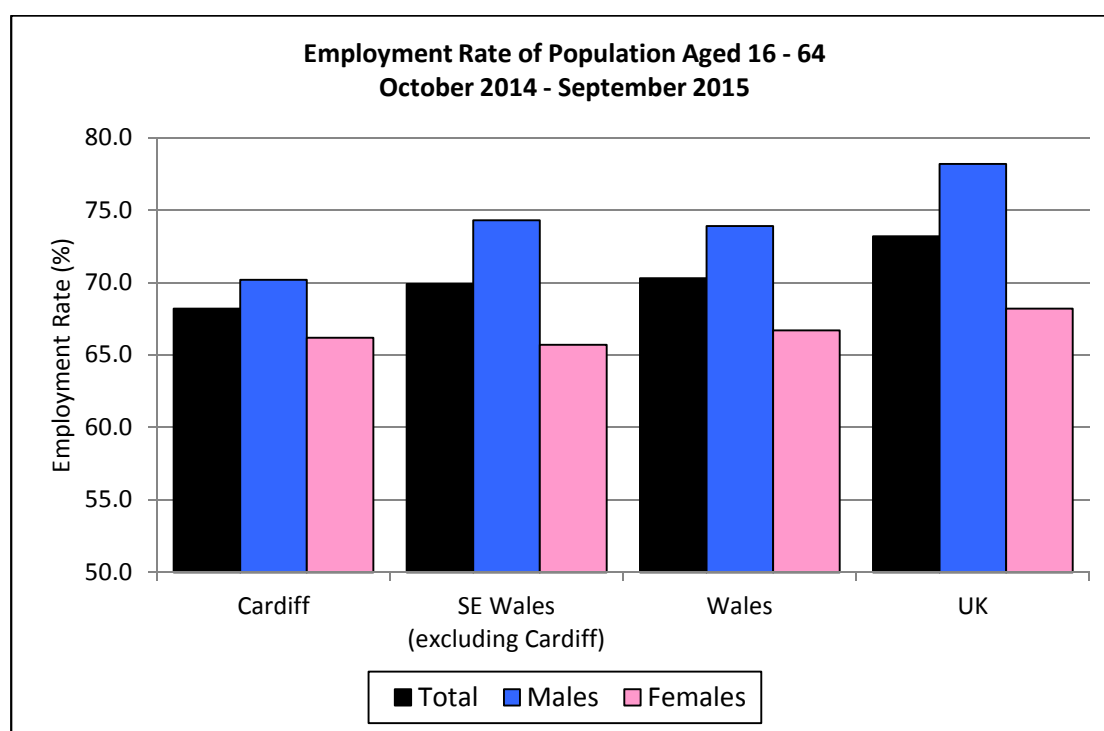
The data tables are split into seven themes as follows:

- Employment of Population Aged 16 – 64
- Unemployment
- Economic Activity of Population Aged 16 – 64
- Economic Inactivity of Population Aged 16 – 64
- Occupation of Employed
- Ethnic Minority Population
- Qualifications of Population Aged 16 – 64 (latest available data from Jan – Dec 2014 APS)

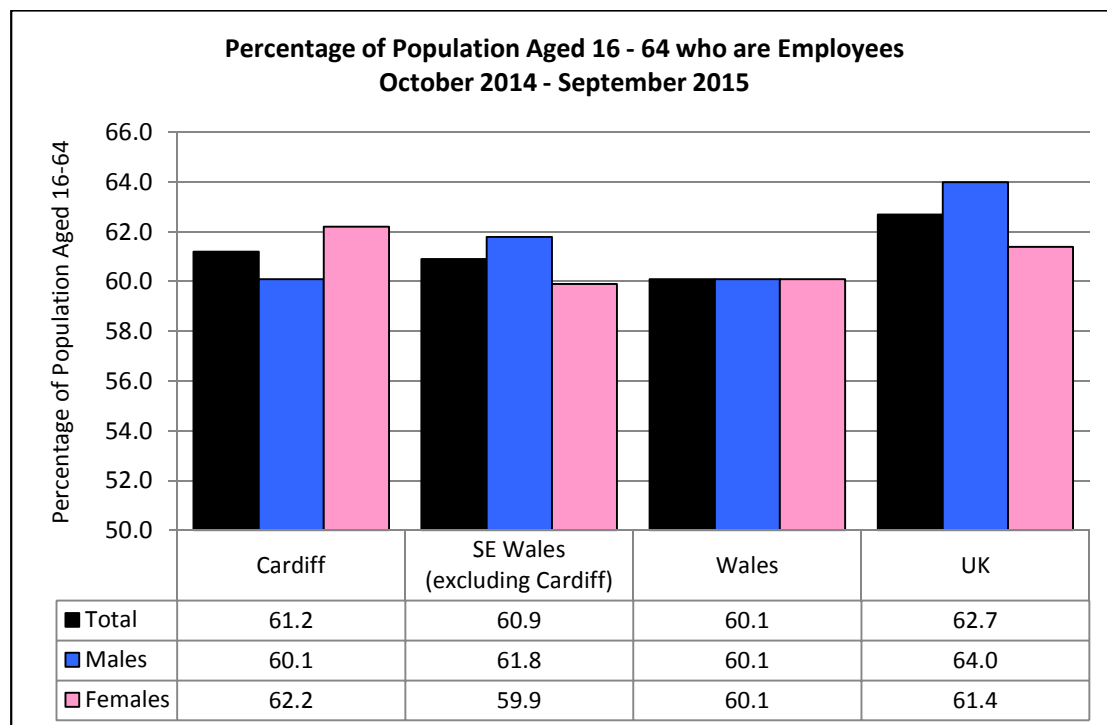
### Employment: Population Aged 16 – 64

The employment rate of Cardiff’s total population aged 16-64 compares poorly with SE Wales (excluding Cardiff), Wales and the UK. This is also the case for males, while the female rate only exceeds that of the rest of SE Wales.

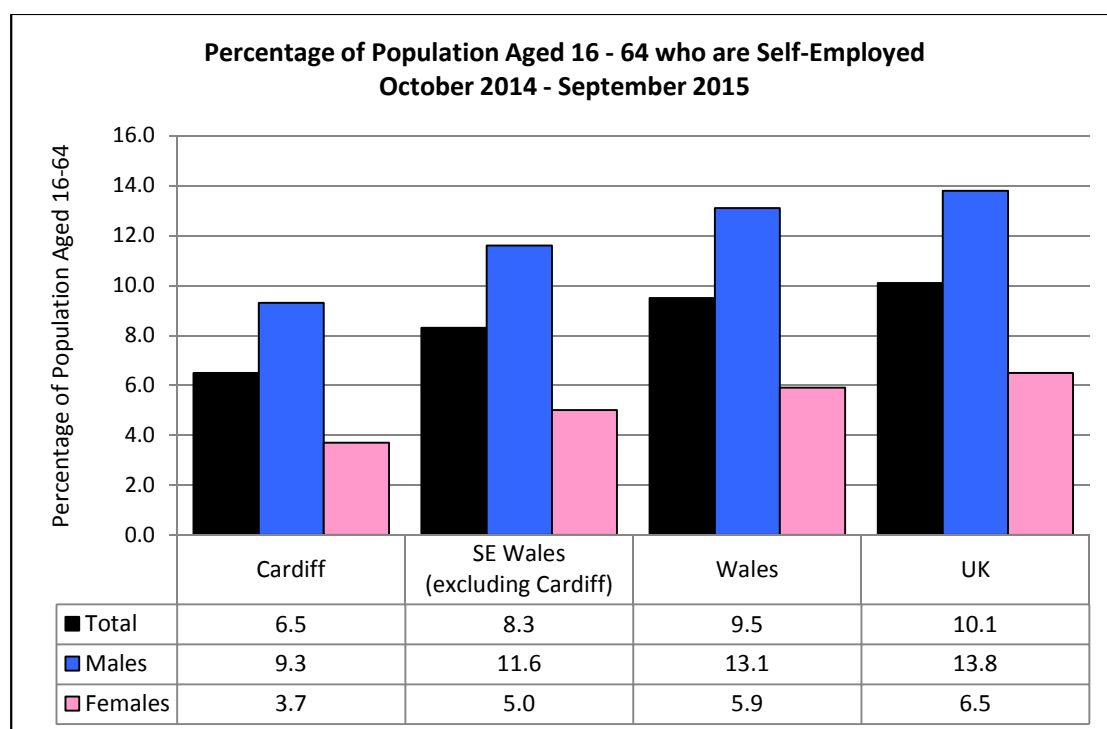
Table 1.1 Employment Rate of Population Aged 16 – 64 October 2014 – September 2015				
	Cardiff	SE Wales (excluding Cardiff)	Wales	UK
<b>Total</b>	68.2	69.9	70.3	73.2
<b>Males</b>	70.2	74.3	73.9	78.2
<b>Females</b>	66.2	65.7	66.7	68.2



The percentage of Cardiff's total population aged 16-64 who are employees is above the equivalent figures for SE Wales (excluding Cardiff) and Wales, but below that of the UK. When broken down by gender, the local authority has the joint-lowest male rate (along with Wales), but, in contrast, has the highest female proportion.



The proportion of Cardiff's total, male and female populations aged 16-64 who are self-employed are all below the comparable percentages seen in each of the other regions.





## Unemployment

The unemployment rates of Cardiff's total, male and female populations aged 16-64 are above those of the other three regions.

<b>Table 2.1</b> <b>Unemployment Rate of Population Aged 16 – 64</b> <b>October 2014 – September 2015</b>				
	<b>Cardiff</b>	<b>SE Wales (excluding Cardiff)</b>	<b>Wales</b>	<b>UK</b>
<b>Total</b>	7.4	7.1	6.5	5.6
<b>Males</b>	7.7	7.1	6.9	5.8
<b>Females</b>	7.2	7.0	6.0	5.4

Cardiff's total, male and female unemployment rates for its population aged 16+ also all exceed those of SE Wales (excluding Cardiff), Wales and the UK.

<b>Table 2.2</b> <b>Unemployment Rate of Population Aged 16+</b> <b>October 2014 – September 2015</b>				
	<b>Cardiff</b>	<b>SE Wales (excluding Cardiff)</b>	<b>Wales</b>	<b>UK</b>
<b>Total</b>	7.9#	6.9	6.3	5.5
<b>Males</b>	7.7	6.9	6.7	5.6
<b>Females</b>	7.1	6.9	5.8	5.3

# Rate is model-based.

## Economic Activity: Population Aged 16 – 64

The economic activity rates of Cardiff's total and male populations aged 16-64 compare poorly with each of the other regions. However, the female rate is only below that of the UK.

<b>Table 3.1</b> <b>Economic Activity Rate of Population Aged 16 – 64</b> <b>October 2014 – September 2015</b>				
	<b>Cardiff</b>	<b>SE Wales (excluding Cardiff)</b>	<b>Wales</b>	<b>UK</b>
<b>Total</b>	73.7	75.2	75.1	77.5
<b>Males</b>	76.1	80.0	79.4	83.0
<b>Females</b>	71.4	70.6	71.0	72.1

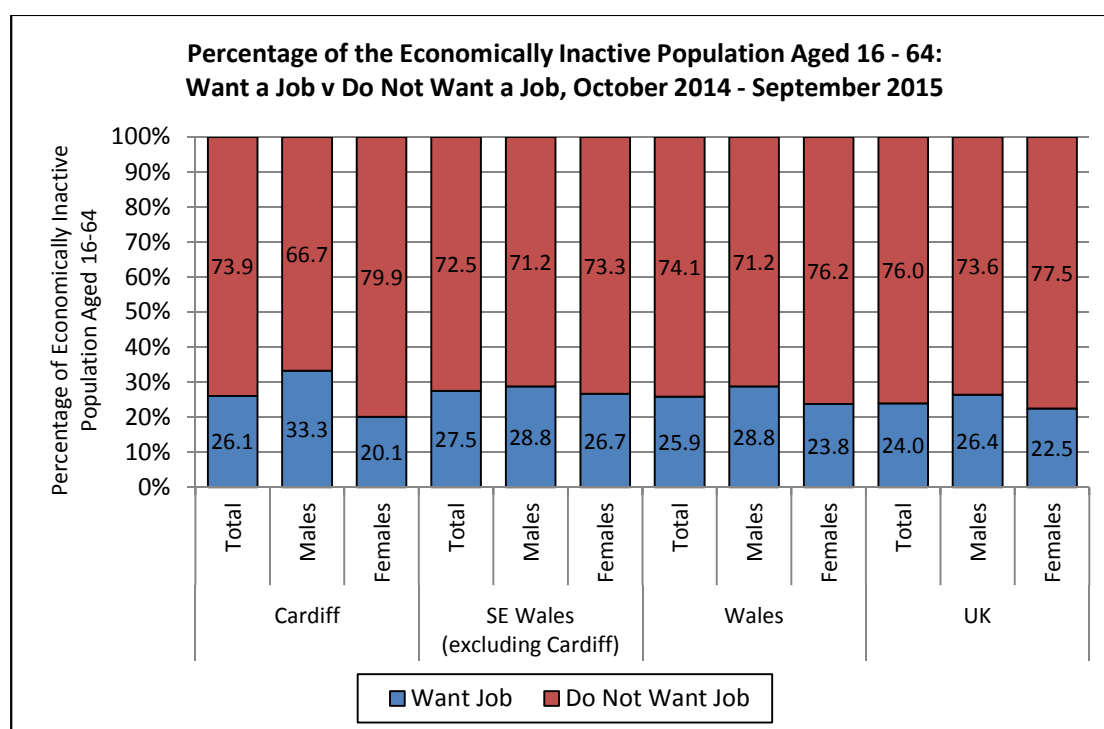
## Economic Inactivity: Population Aged 16 – 64

The economic inactivity rates for each of the regions are shown in Table 4.1.

Table 4.1 Percentage of Population Aged 16 – 64 who are Economically Inactive October 2014 – September 2015				
	Cardiff	SE Wales (excluding Cardiff)	Wales	UK
<b>Total</b>	26.3	24.8	24.9	22.5
<b>Males</b>	23.9	20.0	20.6	17.0
<b>Females</b>	28.6	29.4	29.0	27.9

The chart below breaks down the economically inactive populations aged 16-64 in Cardiff, SE Wales (excluding Cardiff), Wales and the UK into those that want a job and those that do not want a job.

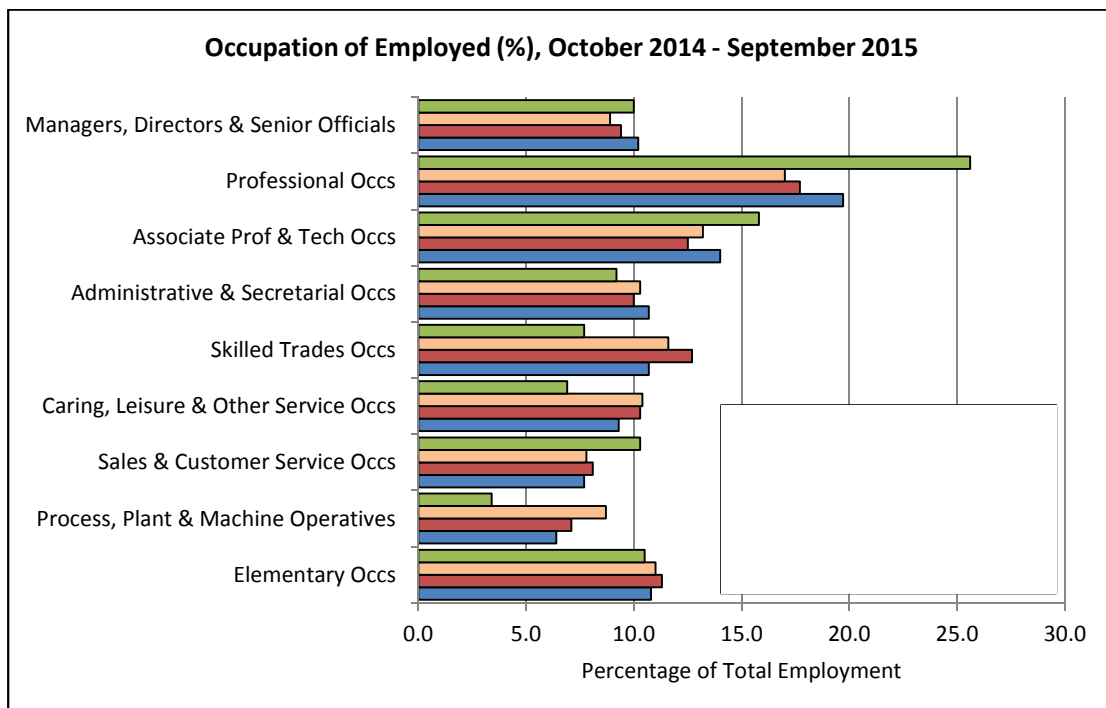
It can be seen that Cardiff's total economically inactive population is more inclined to want to work than their counterparts in Wales and the UK, but they are less likely to want to find employment than the economically inactive population in the rest of SE Wales. Although the proportion of inactive males in the local authority that want a job exceeds those of each of the other three regions, Cardiff has the lowest female rate.



## Occupation of Employed

The main areas of employment in Cardiff are in the Professional, and Associate professional & technical occupations. Along with Sales & customer service occupations, these are also the only categories where Cardiff employs a higher percentage of its workforce than each of the other three regions.

	10.0	8.9	9.4	10.2
	25.6	17.0	17.7	19.7
	15.8	13.2	12.5	14.0
	9.2	10.3	10.0	10.7
	7.7	11.6	12.7	10.7
	6.9	10.4	10.3	9.3
	10.3	7.8	8.1	7.7
	3.4	8.7	7.1	6.4
	10.5	11.0	11.3	10.8



## Ethnic Minority Population

Only around half of Cardiff's ethnic minority population aged 16-64 are in employment. This rate compares unfavourably with the other three regions.

<b>Table 6.1</b> <b>Employment Rate of Ethnic Minority Population Aged 16 – 64</b> <b>October 2014 – September 2015</b>				
	<b>Cardiff</b>	<b>SE Wales (excluding Cardiff)</b>	<b>Wales</b>	<b>UK</b>
<b>Employment Rate</b>	50.6	62.1	59.4	62.3

Around one-in-seven of Cardiff's ethnic minority population aged 16+ are unemployed; greater than the equivalent rates seen in Wales, SE Wales (excluding Cardiff) and the UK.

<b>Table 6.2</b> <b>Unemployment Rate of Ethnic Minority Population Aged 16+</b> <b>October 2014 – September 2015</b>				
	<b>Cardiff</b>	<b>SE Wales (excluding Cardiff)</b>	<b>Wales</b>	<b>UK</b>
<b>Unemployment Rate</b>	14.4	8.9	9.4	9.6

Approximately two-fifths of Cardiff's ethnic minority population aged 16-64 are economically inactive. This figure exceeds those seen in each of the other regions.

<b>Table 6.3</b> <b>Economic Inactivity Rate of Ethnic Minority Population Aged 16 – 64</b> <b>October 2014 – September 2015</b>				
	<b>Cardiff</b>	<b>SE Wales (excluding Cardiff)</b>	<b>Wales</b>	<b>UK</b>
<b>Economic Inactivity Rate</b>	40.7	31.8	34.3	31.1

## Qualifications: Population Aged 16 – 64

The qualifications of Cardiff's population aged 16-64 compare favourably with SE Wales (excluding Cardiff), Wales and the UK. Cardiff has the highest percentage of people achieving NVQ4+, NVQ3+, NVQ2+ and NVQ1+, as well as the lowest proportion with no qualifications. In addition, the percentage of people with other qualifications is only below the rest of SE Wales figure.

<b>Table 7.1</b>				
<b>Qualifications of Population Aged 16 – 64 (%)</b>				
<b>January – December 2014</b>				
	<b>Cardiff</b>	<b>SE Wales (excluding Cardiff)</b>	<b>Wales</b>	<b>UK</b>
<b>NVQ4+</b>	46.0	30.0	33.2	35.8
<b>NVQ3+</b>	65.8	51.8	55.1	56.5
<b>NVQ2+</b>	77.6	69.5	72.5	73.1
<b>NVQ1+</b>	86.8	82.2	84.0	84.8
<b>Other Qualifications</b>	6.6	6.9	6.0	6.2
<b>No Qualifications</b>	6.6	11.0	10.0	9.0

