



The Cardiff Economy and Labour Market

April 2018 – March 2019

(Produced July 2019)







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CONTENTS

| | Page |
|---|------|
| Population | 4 |
| Visitor Numbers | 5 |
| Commuting | 6 |
| Qualifications (Aged 16-64) | 7 |
| Earnings | 10 |
| Gross Disposable Household Income Per Head | 12 |
| House Prices | 13 |
| Housing Affordability | 14 |
| Gross Value Added (GVA) | 15 |
| Productivity | 18 |
| Employment Rate (Aged 16-64) | 20 |
| Private v Public Sector Employment | 21 |
| Full-Time v Part-Time Employees | 22 |
| Employment by Broad Industrial Sector | 23 |
| Employment in Welsh Government Priority Sectors | 25 |
| Occupation | 26 |
| Major Employers | 27 |
| Fast Growth 50 | 29 |
| Enterprises | 30 |
| Jobs Density | 32 |
| Economic Activity Rate (Aged 16-64) | 33 |
| Reasons for Economic Inactivity (Aged 16-64) | 34 |
| Economically Inactive Who Want A Job (Aged 16-64) | 35 |
| Unemployment Rate (Aged 16+) | 36 |
| Claimant Count (% of Population Aged 16-64) | 37 |
| Claimant Count (Aged 18-24) | 39 |

POPULATION

Cardiff has a population of 364,200, according to the mid-2018 population estimate, including 245,500 aged 16-64. Compared with the UK as a whole, Cardiff has a greater proportion of its population aged 15 to 34, but a smaller percentage aged 40+ (see Figure 1). Between 2019 and 2039, Cardiff's population is projected to increase by 20% to 444,700, including 280,700 aged 16 to 64, making it the fastest growing core city.

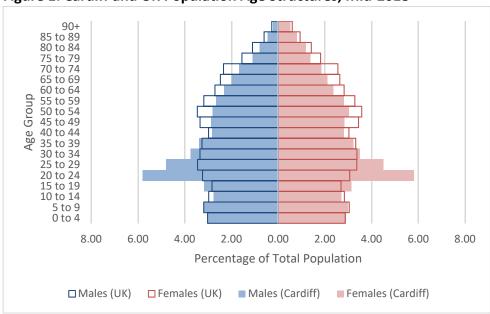


Figure 1: Cardiff and UK Population Age Structures, Mid-2018

Source: Cardiff Research Centre/ONS

The Cardiff City Region consists of the ten local authority areas of Blaenau Gwent, Bridgend, Caerphilly, Cardiff, Merthyr Tydfil, Monmouthshire, Newport, Rhondda Cynon Taf, Torfaen, and Vale of Glamorgan. According to mid-2018 population estimates, it has a population of 1.53 million, including 964,600 aged 16 to 64 (see Table 1).

Table 1: City Region Population Estimates, Mid-2018

| City Region | Population mid- 2018 (millions) |
|--------------------|------------------------------------|
| Greater London | 8.91 |
| West Midlands | 2.92 |
| Greater Manchester | 2.81 |
| West Yorkshire | 2.32 |
| North East | 1.98 |
| Glasgow | 1.83 |
| Liverpool | 1.55 |
| CARDIFF | 1.53 |
| Sheffield | 1.40 |
| Edinburgh | 1.38 |
| Bristol | 1.15 |

Source: ONS

VISITOR NUMBERS

In 2017, almost 22 million people visited Cardiff with an economic impact of £1.3bn. Between 2005 and 2017, both the number of visitors to Cardiff and their expenditure in the city has followed an upward trend (see Figure 2). However, expenditure has increased at a faster rate – indicating that per capita spending has grown over the period (see Figure 3).

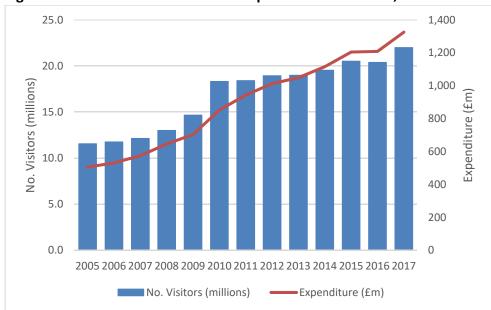


Figure 2: No. Visitors to Cardiff and Expenditure for Cardiff, 2005 – 2017

Source: STEAM

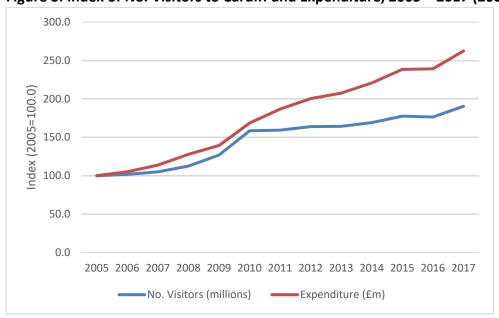


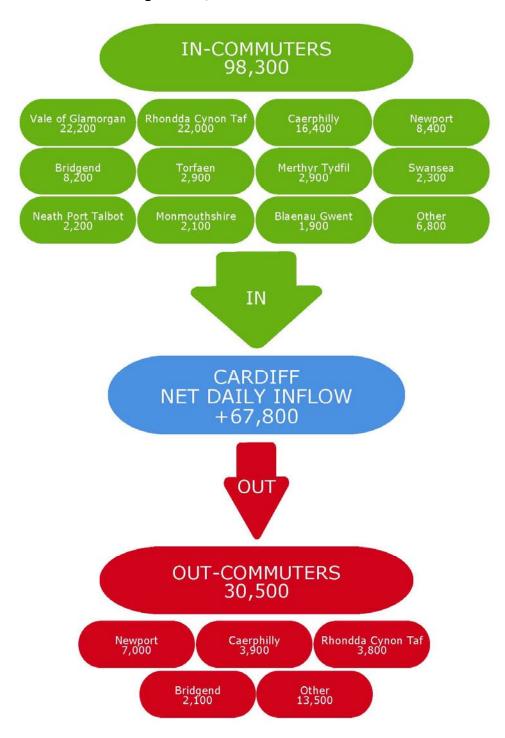
Figure 3: Index of No. Visitors to Cardiff and Expenditure, 2005 – 2017 (2005=100.0)

Source: STEAM

COMMUTING

Around 100,000 people commute into Cardiff each day with the city receiving a net daily inflow of 67,800 people (see Figure 4).

Figure 4: Cardiff's Commuting Pattern, 2018



Source: Welsh Government

QUALIFICATIONS (AGED 16-64)

Almost half (46.8%) of Cardiff's population aged 16 to 64 are qualified to NVQ4+, significantly above the comparative figures for Wales (35.4%) and the UK (39.2%). In addition, only one-in-thirteen (7.6%) have no qualifications. These figures compare well with many other major cities (see Table 2).

Table 2: Qualifications (Aged 16 to 64), Jan – Dec 2018

| Area | NVQ4+ | NVQ3 only | Trade Appren- ticeships | NVQ2 only | NVQ1 only | Other Qualifi- cations (NVQ) | No Qualifi- cations (NVQ) |
|---------------------|-------|--------------|-------------------------------|--------------|--------------|---------------------------------------|------------------------------------|
| City of Edinburgh | 58.8 | 12.4 | 2.4 | 8.2 | 5.1 | 7.2 | 5.9 |
| Bristol, City of | 49.3 | 17.9 | 2.4 | 11.5 | 7.9 | 6.5 | 4.4 |
| CARDIFF | 46.8 | 17.9 | 1.7 | 13.8 | 7.5 | 4.7 | 7.6 |
| Glasgow City | 45.9 | 11.2 | 2.0 | 10.0 | 7.9 | 8.6 | 14.4 |
| Manchester | 44.1 | 15.6 | 1.4 | 11.6 | 9.2 | 7.6 | 10.5 |
| Sheffield | 44.1 | 20.3 | 3.3 | 11.3 | 8.9 | 5.8 | 6.3 |
| Newcastle upon Tyne | 40.5 | 19.1 | 3.3 | 15.4 | 7.7 | 4.1 | 9.9 |
| Leeds | 38.2 | 18.8 | 2.5 | 16.5 | 11.7 | 5.4 | 6.9 |
| Liverpool | 37.5 | 17.3 | 2.6 | 16.9 | 7.9 | 7.2 | 10.6 |
| Birmingham | 33.2 | 18.4 | 1.1 | 15.5 | 11.1 | 8.6 | 12.0 |
| Nottingham | 31.2 | 23.0 | 2.7 | 12.8 | 11.3 | 8.6 | 10.2 |
| Wales | 35.4 | 18.1 | 3.2 | 17.3 | 10.9 | 6.5 | 8.6 |
| United Kingdom | 39.2 | 17.0 | 3.0 | 15.8 | 10.4 | 6.7 | 8.0 |

Source: Annual Population Survey, ONS

Since 2004, the qualification levels of the Cardiff population aged 16 to 64 have improved and compared favourably with those of Wales and the UK. The proportions qualified to NVQ4+ (Figure 5) and NVQ2+ (Figure 6) have increased over the period, while the percentage with no qualifications (Figure 7) has declined. However, in the last twelve months the situation has deteriorated slightly with a downturn in the proportions qualified to NVQ4+ and NVQ2+ as well as a rise in those with no qualifications.

60.0 I 95% confidence interval % of population aged 16-64 50.0 40.0 30.0 20.0 10.0 0.0 Jan-Dec 04 Jan-Dec 18 Jan-Dec 05 Jan-Dec 06 Jan-Dec 07 Jan-Dec 08 Jan-Dec 09 Jan-Dec 10 Jan-Dec 11 Jan-Dec 12 Jan-Dec 13 Jan-Dec 14 Jan-Dec 15 Jan-Dec 16 Jan-Dec 17 •Wales

Figure 5: Percentage Qualified to NVQ4+ (Aged 16-64), Jan-Dec 2004 to Jan-Dec 2018

Source: Annual Population Survey, ONS

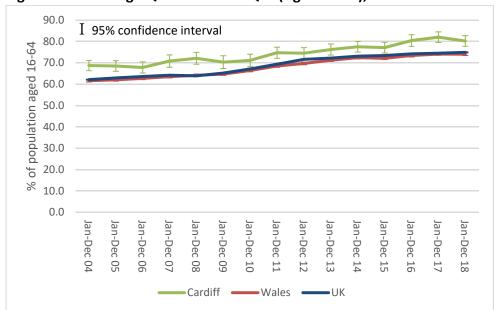


Figure 6: Percentage Qualified to NVQ2+ (Aged 16-64), Jan-Dec 2004 to Jan-Dec 2018

20.0 I 95% confidence interval 18.0 % of population aged 16-64 16.0 14.0 12.0 10.0 8.0 6.0 4.0 2.0 0.0 Jan-Dec 04 Jan-Dec 05 Jan-Dec 18 Jan-Dec 06 Jan-Dec 07 Jan-Dec 08 Jan-Dec 09 Jan-Dec 10 Jan-Dec 11 Jan-Dec 12 Jan-Dec 14 Jan-Dec 15 Jan-Dec 16 Jan-Dec 17 •Wales

Figure 7: Percentage with No Qualifications (Aged 16-64), Jan-Dec 2004 to Jan-Dec 2018

EARNINGS

RESIDENT ANALYSIS

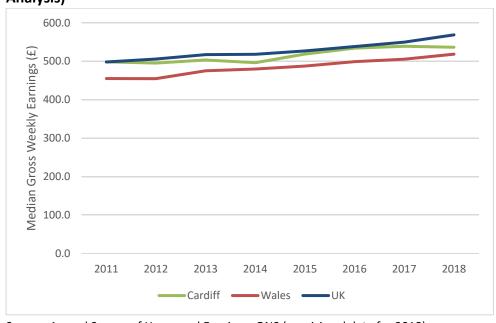
In 2018, the median gross weekly earnings of Cardiff residents working full-time were £536.7; down 0.4% on the previous year. It was one of only two major cities to see a decline over the year and, as has been the case since 2012, was below the UK average with the gap between the two increasing in recent years (see Table 3 and Figure 8).

Table 3: Median Gross Weekly Earnings of Full-Time Workers, 2018 (Resident Analysis)

| Area | Earnings (£) | Annual Percentage Change (%) |
|---------------------|--------------|---------------------------------|
| City of Edinburgh | 575.9 | -1.3 |
| Bristol, City of | 555.6 | 3.0 |
| Glasgow City | 548.6 | 5.6 |
| Leeds | 548.3 | 2.2 |
| CARDIFF | 536.7 | -0.4 |
| Newcastle upon Tyne | 536.3 | 0.7 |
| Birmingham | 532.5 | 1.8 |
| Sheffield | 532.1 | 1.5 |
| Liverpool | 530.5 | 4.1 |
| Manchester | 492.8 | 3.0 |
| Nottingham | 460.0 | 1.6 |
| Wales | 518.6 | 2.5 |
| United Kingdom | 569.0 | 3.5 |

Source: Annual Survey of Hours and Earnings, ONS (provisional data for 2018)

Figure 8: Median Gross Weekly Earnings of Full-Time Workers, 2011-2018 (Resident Analysis)



Source: Annual Survey of Hours and Earnings, ONS (provisional data for 2018)

WORKPLACE ANALYSIS

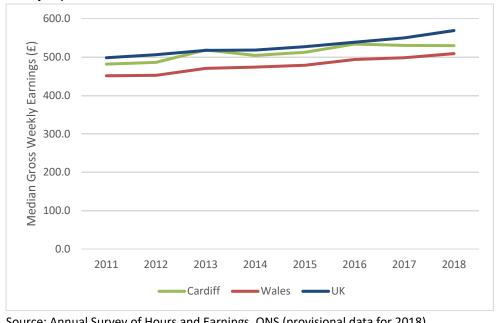
The gross weekly earnings of full-time workers working in Cardiff was £529.8 in 2018. This had declined (-0.1%) over the previous twelve months and compared poorly with other major cities (see Table 4). In addition, since 2011 it has predominantly been below the UK figure, with the gap between the two increasing over the year (see Figure 9).

Table 4: Median Gross Weekly Earnings of Full-Time Workers, 2018 (Workplace Analysis)

| Area | Earnings (£) | Annual Percentage Change (%) |
|---------------------|--------------|---------------------------------|
| City of Edinburgh | 613.3 | 2.5 |
| Birmingham | 584.1 | 6.5 |
| Glasgow City | 573.6 | 2.8 |
| Bristol, City of | 565.7 | 4.0 |
| Manchester | 555.9 | -2.6 |
| Leeds | 551.9 | 1.6 |
| Liverpool | 544.3 | 2.6 |
| Sheffield | 542.1 | 3.1 |
| CARDIFF | 529.8 | -0.1 |
| Newcastle upon Tyne | 522.9 | -5.8 |
| Nottingham | 506.4 | 2.2 |
| Wales | 509.0 | 2.1 |
| United Kingdom | 569.0 | 3.5 |

Source: Annual Survey of Hours and Earnings, ONS (provisional data for 2018)

Figure 9: Median Gross Weekly Earnings of Full-Time Workers, 2011-2018 (Workplace Analysis)



Source: Annual Survey of Hours and Earnings, ONS (provisional data for 2018)

GROSS DISPOSABLE HOUSEHOLD INCOME PER HEAD

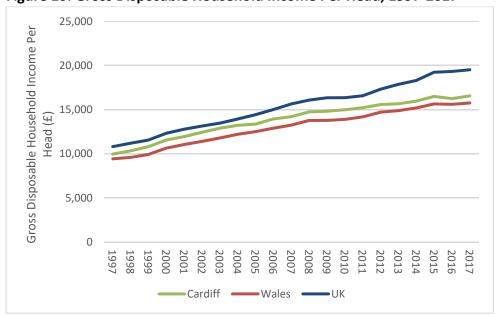
In 2017, Cardiff's gross disposable household income per head (£16,558) compared reasonably well with other major cities (see Table 5). Since 1997, it has followed an upward trend and has consistently been above that of Wales. However, it has remained below the UK figure with the gap increasing over time (see Figure 10).

Table 5: Gross Disposable Household Income (GDHI) Per Head, 2017

| Area | GDHI Per Head (£) |
|---------------------|----------------------|
| Edinburgh, City of | 21,589 |
| Bristol, City of | 17,951 |
| Leeds | 16,603 |
| CARDIFF | 16,558 |
| Newcastle upon Tyne | 15,989 |
| Glasgow City | 15,682 |
| Sheffield | 14,934 |
| Liverpool | 14,557 |
| Birmingham | 14,128 |
| Manchester | 13,355 |
| Nottingham | 12,445 |
| Wales | 15,754 |
| United Kingdom | 19,514 |

Source: ONS (2017 figures are provisional)

Figure 10: Gross Disposable Household Income Per Head, 1997-2017



Source: ONS (2017 figures are provisional)

HOUSE PRICES

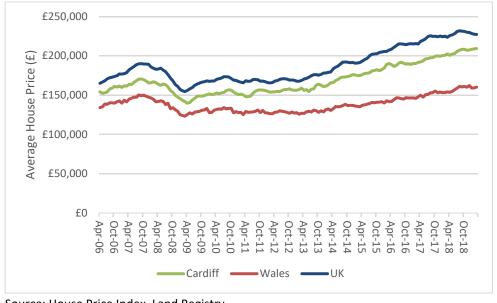
Cardiff's average house price in March 2019 (£209,221) was one of the highest amongst the UK's major cities (see Table 6), although it had consistently been below the UK figure since 2006 (see Figure 11). However, despite this, Cardiff had a higher average price than the UK for the majority of the property types in March 2019, with the only exception being flats/maisonettes. In addition, Cardiff's overall annual growth rate (3.34%) was more than double the national average.

Table 6: Average House Price by Property Type, March 2019

| | All Prop | Detached Terraced | | Detached Ler | | Terraced | | Flat Maisor | - | |
|---------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|
| Area | Ave Price (£) | Annual % Change |
| City of Bristol | 275,624 | -0.33 | 514,307 | 1.11 | 334,314 | 0.88 | 279,902 | 0.12 | 222,346 | -1.69 |
| City of Edinburgh | 262,064 | 3.81 | 545,991 | 4.00 | 346,867 | 5.20 | 277,245 | 4.46 | 205,596 | 3.49 |
| CARDIFF | 209,221 | 3.34 | 393,332 | 4.36 | 240,331 | 4.42 | 196,317 | 3.37 | 145,264 | 1.68 |
| Birmingham | 186,255 | 4.88 | 352,965 | 5.80 | 209,374 | 5.60 | 166,473 | 4.82 | 135,394 | 3.35 |
| Leeds | 183,228 | 3.39 | 333,225 | 4.24 | 194,811 | 4.21 | 148,692 | 3.09 | 129,860 | 1.43 |
| Manchester | 177,897 | 5.54 | 317,832 | 6.59 | 217,485 | 6.76 | 163,889 | 5.77 | 158,311 | 4.29 |
| Sheffield | 163,451 | 1.77 | 284,474 | 2.65 | 177,087 | 2.56 | 139,884 | 1.56 | 111,382 | -0.47 |
| Newcastle upon Tyne | 154,902 | -1.09 | 295,808 | -0.04 | 177,433 | 0.02 | 149,459 | -0.88 | 108,750 | -3.20 |
| City of Nottingham | 141,731 | 3.85 | 239,351 | 4.72 | 155,418 | 4.69 | 119,922 | 3.89 | 110,626 | 1.46 |
| Liverpool | 132,383 | 4.82 | 255,808 | 5.90 | 159,667 | 5.82 | 112,996 | 4.58 | 107,343 | 3.90 |
| City of Glasgow | 130,180 | 4.63 | 313,775 | 4.43 | 180,204 | 6.21 | 152,805 | 5.46 | 112,721 | 4.24 |
| Wales | 160,170 | 3.99 | 241,455 | 3.52 | 155,285 | 4.67 | 123,590 | 4.31 | 113,942 | 2.02 |
| United Kingdom | 227,197 | 1.60 | 346,049 | 1.97 | 216,301 | 2.77 | 183,753 | 1.58 | 199,293 | -0.38 |

Source: House Price Index, Land Registry

Figure 11: Average House Price, April 2006 - March 2019



Source: House Price Index, Land Registry

HOUSING AFFORDABILITY

In 2018, Cardiff (6.74) had the second highest housing affordability ratio (i.e. median house price to median residence-based earnings) of the major cities in England & Wales, behind only Bristol, suggesting that it is one of the least affordable cities to live in (see Table 7). However, it was below the comparative figure for England & Wales (7.83), as has predominantly been the case since 2002, with the gap also increasing in recent years (see Figure 12).

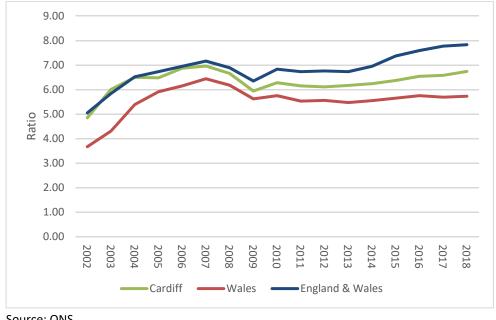
Table 7: Housing Affordability (Ratio of House Price to Residence-Based Earnings), 2018

| Area | Median House Price, Year ending Sep 18 (£) | Median Gross Annual Earnings, 2018 (£) | Ratio of Median House Price to Median Gross Annual Earnings |
|---------------------|--|---|---|
| Bristol, City of | 265,000 | 29,046 | 9.12 |
| CARDIFF | 198,000 | 29,359 | 6.74 |
| Manchester | 170,000 | 25,660 | 6.63 |
| Leeds | 176,000 | 28,137 | 6.26 |
| Birmingham | 170,275 | 27,954 | 6.09 |
| Newcastle upon Tyne | 160,000 | 26,938 | 5.94 |
| Nottingham | 135,000 | 23,288 | 5.80 |
| Sheffield | 158,000 | 27,659 | 5.71 |
| Liverpool | 128,000 | 26,703 | 4.79 |
| Wales | 155,000 | 27,039 | 5.73 |
| England & Wales | 232,500 | 29,706 | 7.83 |

Source: ONS

NB: House price data are taken from ONS House Price Statistics for Small Areas for the year ending September. Earnings data are taken from the Annual Survey of Hours and Earnings and are estimates of gross residence-based individual full-time annual earnings where available.

Figure 12: Housing Affordability (Ratio of House Price to Residence-Based Earnings), 2002-2018



Source: ONS

GROSS VALUE ADDED (GVA)

In 2017, Cardiff (£11,111m) accounted for 18% of the total gross value added (GVA) for Wales, although its GVA grew at a slower rate (3.4%) than the UK (3.6%) and many of the other major cities over the year (see Table 8). In terms of GVA per head, Cardiff (£30,629) was only a midtable performer across the major cities, with the figure for Edinburgh over 40% higher at £44,228 (see Table 9).

Table 8: Gross Value Added (Balanced) (£million), 2017

| Area | 2017 | Annual % Change |
|---------------------|------------|-----------------|
| Birmingham | £28,106 | 3.6 |
| Leeds | £23,252 | 3.1 |
| City of Edinburgh | £22,698 | 4.7 |
| Manchester | £19,712 | 4.3 |
| Glasgow City | £19,592 | 3.9 |
| Bristol, City of | £14,447 | 2.8 |
| Sheffield | £12,049 | 2.6 |
| Liverpool | £11,992 | 4.4 |
| CARDIFF | £11,111 | 3.4 |
| Nottingham | £9,666 | 5.3 |
| Newcastle upon Tyne | £9,291 | 4.2 |
| Wales | £62,188 | 3.1 |
| United Kingdom | £1,819,754 | 3.6 |

Source: ONS (2017 figures are provisional)

Table 9: Gross Value Added (Balanced) Per Head of Population (£), 2017

| Area | 2017 | Annual % Change |
|---------------------|---------|-----------------|
| City of Edinburgh | £44,228 | 3.5 |
| Manchester | £36,136 | 3.5 |
| Glasgow City | £31,548 | 2.9 |
| Bristol, City of | £31,458 | 2.1 |
| Newcastle upon Tyne | £31,405 | 3.5 |
| CARDIFF | £30,629 | 3.0 |
| Leeds | £29,626 | 2.6 |
| Nottingham | £29,361 | 3.9 |
| Birmingham | £24,717 | 2.8 |
| Liverpool | £24,396 | 3.6 |
| Sheffield | £20,854 | 2.0 |
| Wales | £19,899 | 2.7 |
| United Kingdom | £27,555 | 3.0 |

Source: ONS (2017 figures are provisional)

Figure 13 shows that Cardiff's GVA per head has consistently exceeded the UK average since 1998. Although the gap had gradually declined following a 2007-peak, in recent years it has again diverged away from the national figure.

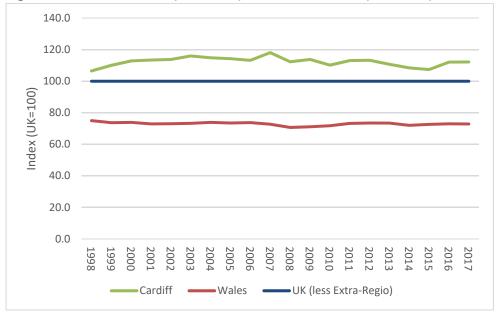


Figure 13: GVA Per Head (Balanced) Index, 1998-2017 (UK = 100)

Source: ONS (2017 figures are provisional)

NB. UK figure is for United Kingdom less Extra-Regio.

GVA by industry for 2017 can be seen in Table 10. This shows that Financial & insurance activities (13.0%), and Human health & social work activities (10.2%) are the greatest contributors to Cardiff's GVA, with both accounting for over a tenth of the total.

Compared to other major UK cities, a relatively high proportion of Cardiff's GVA comes from Agriculture, mining, electricity, gas, water & waste (5.1%), Construction (5.4%), Financial & insurance activities (13.0%), Public administration & defence (8.6%), and Education (9.0%). Conversely, the contributions of Transportation & storage (2.3%), Information & communication (5.0%), and Administrative & support service activities (3.3%) are comparatively low in the city.

Table 10: Gross Value Added (Balanced) by Industry (£million), 2017

| Industry (CICOZ) | CARI | DIFF | gham 5) | City of | of gh (%) | w City 5) | (%) | (%) lo | iester 5) | astle me (%) | gham 5) | (%) pi | (%) s | ted m (%) |
|---|-------|------|-------------------|-------------------------|--------------------------|---------------------|-----------|---------------|-------------------|----------------------------|----------------|---------------|-----------|-----------------------|
| Industry (SIC07) | No. | % | Birmingham (%) | Bristol, City of (%) | City of Edinburgh (%) | Glasgow City (%) | (%) reeds | Liverpool (%) | Manchester (%) | Newcastle upon Tyne (%) | Nottingham (%) | Sheffield (%) | Wales (%) | United Kingdom (%) |
| Agriculture, mining, electricity, gas, water & waste (ABDE) | 569 | 5.1 | 2.2 | 2.9 | 3.2 | 3.9 | 4.3 | 1.2 | 0.7 | 0.7 | 5.2 | 1.6 | 5.4 | 4.6 |
| Manufacturing (C) | 583 | 5.2 | 10.9 | 5.0 | 3.0 | 5.9 | 8.3 | 6.4 | 4.5 | 6.7 | 5.8 | 9.9 | 17.3 | 10.1 |
| Construction (F) | 595 | 5.4 | 5.1 | 5.2 | 2.9 | 5.1 | 5.7 | 4.5 | 2.7 | 4.2 | 4.1 | 5.1 | 6.0 | 6.1 |
| Wholesale & retail trade; repair of motor vehicles (G) | 954 | 8.6 | 10.8 | 10.4 | 7.2 | 7.7 | 9.5 | 9.7 | 9.0 | 7.5 | 13.8 | 11.9 | 9.8 | 10.5 |
| Transportation & storage (H) | 252 | 2.3 | 3.7 | 3.5 | 2.7 | 3.3 | 4.4 | 6.2 | 6.7 | 4.9 | 3.2 | 2.6 | 3.1 | 4.2 |
| Accommodation & food service activities (I) | 355 | 3.2 | 2.8 | 2.5 | 4.1 | 3.1 | 2.1 | 3.6 | 4.0 | 3.9 | 3.0 | 2.7 | 3.3 | 3.0 |
| Information & communication (J) | 552 | 5.0 | 4.4 | 5.9 | 5.2 | 6.8 | 6.3 | 6.7 | 6.1 | 9.3 | 6.9 | 5.5 | 3.2 | 6.4 |
| Financial & insurance activities (K) | 1,439 | 13.0 | 8.5 | 10.2 | 21.4 | 9.1 | 9.7 | 6.5 | 10.9 | 8.0 | 3.5 | 5.4 | 4.5 | 7.1 |
| Real estate activities (L) | 1,084 | 9.8 | 10.3 | 11.4 | 11.7 | 13.2 | 11.4 | 11.6 | 10.7 | 9.5 | 8.3 | 11.1 | 12.1 | 13.6 |
| Professional, scientific & technical activities (M) | 834 | 7.5 | 7.5 | 10.5 | 8.7 | 7.1 | 8.4 | 5.9 | 11.4 | 6.1 | 6.8 | 5.6 | 3.8 | 7.6 |
| Administrative & support service activities (N) | 365 | 3.3 | 4.8 | 6.6 | 3.5 | 5.7 | 6.7 | 3.6 | 6.1 | 3.7 | 9.0 | 4.7 | 3.3 | 4.8 |
| Public administration & defence (O) | 960 | 8.6 | 6.2 | 6.2 | 6.2 | 5.9 | 4.1 | 7.7 | 5.0 | 8.9 | 5.9 | 6.1 | 7.5 | 4.6 |
| Education (P) | 1,003 | 9.0 | 8.3 | 6.9 | 7.4 | 5.7 | 6.7 | 8.7 | 7.9 | 8.0 | 8.5 | 13.5 | 6.9 | 5.8 |
| Human health & social work activities (Q) | 1,129 | 10.2 | 9.9 | 9.6 | 9.0 | 13.6 | 8.3 | 13.2 | 10.4 | 12.2 | 12.5 | 11.1 | 10.3 | 7.2 |
| Arts, entertainment & recreation (R) | 145 | 1.3 | 1.3 | 0.9 | 1.7 | 1.7 | 1.5 | 2.5 | 2.4 | 2.4 | 1.3 | 0.8 | 1.0 | 1.4 |
| Total GVA (£m) | 11,1 | .11 | 28,106 | 14,447 | 22,698 | 19,592 | 23,252 | 11,992 | 19,712 | 9,291 | 9,666 | 12,049 | 62,188 | 1,819,754 |

Source: ONS (Figures are provisional).

PRODUCTIVITY

In 2017, the GVA per hour worked was £30.9 for Cardiff and Vale of Glamorgan. This was only 91.9% of the UK figure but compared more favourably with other major UK NUTS3 areas (see Table 11). GVA per filled job (£48,548) for 2017 compared slightly less favourably, with Cardiff and the Vale of Glamorgan being a mid-level performer, and was just 89.4% of the UK figure.

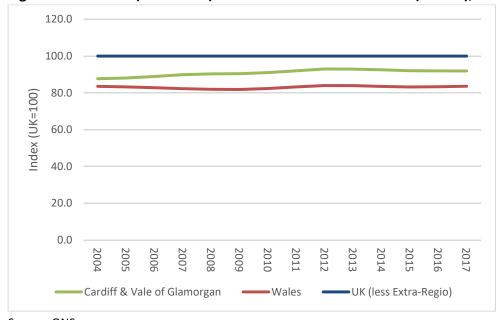
Table 11: Nominal (Smoothed) GVA Per Hour Worked and Per Filled Job (NUTS 3), 2017

| | GVA Per Ho | our Worked | GVA Per Filled Job | | |
|-----------------------------------|------------|-------------------|--------------------|-------------------|--|
| Region (NUTS3) | £ | Index (UK=100) | £ | Index (UK=100) | |
| Birmingham | 30.9 | 91.9 | 50,524 | 93.0 | |
| Bristol, City of | 31.0 | 92.2 | 49,886 | 91.8 | |
| CARDIFF & VALE OF GLAMORGAN | 30.9 | 91.9 | 48,548 | 89.4 | |
| City of Edinburgh | 41.8 | 124.1 | 66,597 | 122.6 | |
| Glasgow City | 29.1 | 86.4 | 45,696 | 84.1 | |
| Leeds | 30.3 | 90.0 | 49,544 | 91.2 | |
| Liverpool | 29.1 | 86.5 | 46,442 | 85.5 | |
| Manchester | 29.4 | 87.3 | 48,466 | 89.2 | |
| Nottingham | 25.2 | 74.9 | 40,785 | 75.1 | |
| Sheffield | 28.2 | 83.9 | 43,952 | 80.9 | |
| Tyneside | 29.7 | 88.3 | 46,811 | 86.2 | |
| Wales | 28.1 | 83.6 | 44,407 | 81.7 | |
| United Kingdom (less Extra-Regio) | 33.7 | 100.0 | 54,330 | 100.0 | |

Source: ONS

NB: Data are nominal (i.e. not adjusted for inflation) and smoothed using a weighted 5-year moving average.

Figure 14: Nominal (Smoothed) GVA Per Hour Worked Indices (NUTS3), 2004-2017 (UK=100)



Source: ONS

NB: Data are nominal (i.e. not adjusted for inflation) and smoothed using a weighted 5-year moving average.

Figures 14 and 15 show that both GVA per hour worked and GVA per filled job for Cardiff and Vale of Glamorgan have consistently compared poorly against the equivalent UK figures, although they have performed better than Wales as a whole.

120.0

100.0

80.0

60.0

20.0

0.0

20.0

Cardiff & Vale of Glamorgan

Wales

UK (less Extra-Regio)

Figure 15: Nominal (Smoothed) GVA Per Filled Job Indices (NUTS3), 2002-2017 (UK=100)

Source: ONS

NB: Data are nominal (i.e. not adjusted for inflation) and smoothed using a weighted 5-year moving average.

Information at the city region level indicates that Cardiff's city region performs poorly against other areas. In 2017, both GVA per hour worked and GVA per job filled only exceeded the Glasgow, Leeds City and Sheffield City Regions and were just 89.3% and 86.4%, respectively, of the comparable UK figures (see Table 12).

Table 12: GVA Per Hour Worked and Per Filled Job Indices – City Regions, 2017 (UK=100)

| City Region | GVA Per Hour Worked Index (UK=100) | GVA Per Job Filled Index (UK=100) |
|-------------------------------|---------------------------------------|--------------------------------------|
| Aberdeen | 113.4 | 119.6 |
| Cambridgeshire & Peterborough | 94.9 | 94.2 |
| CARDIFF | 89.3 | 86.4 |
| Edinburgh | 111.5 | 109.6 |
| Glasgow | 87.2 | 85.2 |
| Greater Manchester | 89.7 | 89.4 |
| Leeds City Region | 86.9 | 85.3 |
| Liverpool City Region | 90.2 | 88.6 |
| London | 133.4 | 142.0 |
| Sheffield City Region | 82.0 | 79.8 |
| Tees Valley | 90.5 | 88.3 |
| West Midlands | 91.3 | 92.0 |
| West of England | 100.2 | 98.1 |

Source: ONS

EMPLOYMENT RATE (AGED 16-64)

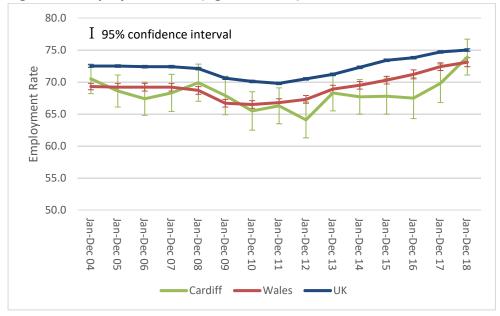
Almost three-quarters (73.9%) of Cardiff's population aged 16-64 are in employment; the fourth highest rate amongst the core cities and Edinburgh (see Table 13). For January to December 2018 it also exceeded the Wales figure for the first time in almost a decade (see Figure 16). However, it has consistently compared poorly with the UK rate.

Table 13: Employment Rate (Aged 16 to 64), Jan – Dec 2018

| Area | Employment Rate (%) |
|---------------------|------------------------|
| Bristol, City of | 77.1 |
| City of Edinburgh | 77.0 |
| Leeds | 75.0 |
| CARDIFF | 73.9 |
| Sheffield | 73.0 |
| Manchester | 69.4 |
| Newcastle upon Tyne | 68.4 |
| Liverpool | 68.2 |
| Birmingham | 65.3 |
| Glasgow City | 64.3 |
| Nottingham | 63.3 |
| Wales | 73.1 |
| United Kingdom | 75.0 |

Source: Annual Population Survey, ONS

Figure 16: Employment Rate (Aged 16 to 64), Jan-Dec 2004 to Jan-Dec 2018



PRIVATE V PUBLIC SECTOR EMPLOYMENT

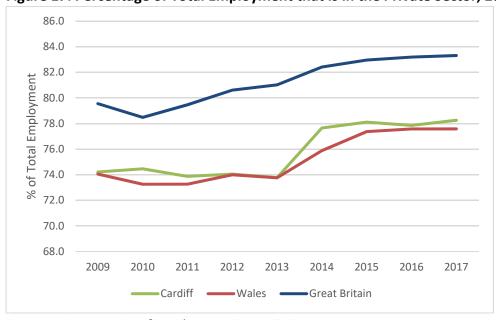
In 2017, nearly four-fifths (78.3%) of employment in Cardiff was in the private sector (see Table 14). Since 2009 the size of the private sector in Cardiff has been very similar to that of Wales as a whole, although it has predominantly been slighter larger in the local authority. However, it has consistently been below the figure for Great Britain over the same period (see Figure 17).

Table 14: Private v Public Sector Employment, 2017

| Area | % Private Sector | % Public Sector |
|---------------------|------------------|-----------------|
| Leeds | 83.4 | 16.6 |
| Bristol, City of | 82.3 | 17.7 |
| Manchester | 82.2 | 17.8 |
| Nottingham | 81.3 | 18.7 |
| Sheffield | 80.0 | 20.0 |
| CARDIFF | 78.3 | 21.7 |
| Birmingham | 77.7 | 22.3 |
| Glasgow City | 77.6 | 22.4 |
| City of Edinburgh | 76.8 | 23.2 |
| Liverpool | 76.1 | 23.9 |
| Newcastle upon Tyne | 74.9 | 25.1 |
| Wales | 77.6 | 22.4 |
| Great Britain | 83.3 | 16.7 |

Source: Business Register & Employment Survey, ONS

Figure 17: Percentage of Total Employment that is in the Private Sector, 2009-2017



Source: Business Register & Employment Survey, ONS

NB. Figures for 2009 to 2014 exclude units registered for PAYE only

FULL-TIME V PART-TIME EMPLOYEES

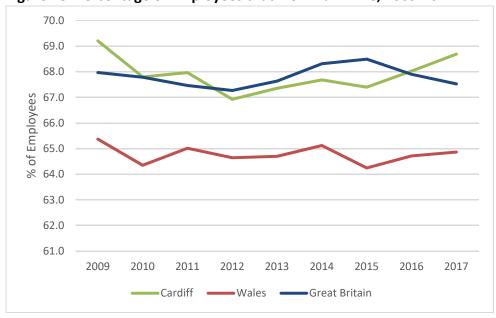
Over two-thirds (68.7%) of Cardiff's employees worked full-time in 2017 (see Table 15). Figure 18 shows that this proportion has increased in recent years, in contrast to Great Britain as a whole. This followed a post-recession decline from 2009 to 2012, which caused the Cardiff figure to fall below that of Great Britain, where it remained until 2016. However, it has consistently exceeded the proportion for Wales.

Table 15: Full-Time v Part-Time Employees, 2017

| Area | % Full-Time | % Part-Time |
|---------------------|-------------|-------------|
| Manchester | 71.4 | 28.8 |
| Leeds | 69.9 | 30.0 |
| Birmingham | 69.6 | 30.4 |
| CARDIFF | 68.7 | 31.3 |
| Bristol, City of | 68.4 | 31.6 |
| City of Edinburgh | 68.0 | 32.0 |
| Nottingham | 67.0 | 32.7 |
| Glasgow City | 66.8 | 33.2 |
| Newcastle upon Tyne | 65.6 | 34.4 |
| Sheffield | 65.1 | 34.9 |
| Liverpool | 64.9 | 35.3 |
| Wales | 64.9 | 35.2 |
| Great Britain | 67.5 | 32.5 |

Source: Business Register & Employment Survey, ONS

Figure 18: Percentage of Employees that work Full-Time, 2009-2017



Source: Business Register & Employment Survey, ONS

NB. Figures for 2009 to 2014 exclude units registered for PAYE only

EMPLOYMENT BY BROAD INDUSTRIAL SECTOR

In 2017, there were 218,000 people in employment in Cardiff with the Health (13.8%), Business administration & support services (11.0%), and Education (10.1%) industrial sectors each accounting for at least a tenth of this (see Table 16).

Compared to other major UK cities, Cardiff had a relatively high proportion working in the Mining, quarrying & utilities (2.3%), Information & communication (6.0%), Public administration & defence (7.3%), and Financial & insurance (6.0%) sectors.

In contrast, Cardiff had a comparatively low proportion working in Transport & storage (2.8%), Wholesale (2.1%), Property (1.4%), and Health (13.8%), despite the latter being the local authority's main source of employment.

Table 16: Employment by Broad Industrial Sector, 2017

| Industry (SIC 2007) | CARE | DIFF | Birmingham (%) | Bristol, City of (%) | City of Edinburgh (%) | Glasgow City (%) | Leeds (%) | Liverpool (%) | Manchester (%) | Newcastle upon Tyne (%) | Nottingham (%) | Sheffield (%) | Wales (%) | Great Britain (%) |
|--|--------|------|-------------------|-------------------------|--------------------------|---------------------|-----------|---------------|-------------------|----------------------------|-------------------|---------------|-----------|----------------------|
| massiy (sie 2007) | No. | % | Birmii (5 | Bristol (9 | Cit | Glasgo (9 | reec | Liverp | Manc (5 | New upon T | Nottii (5 | Sheffi | Wale | Great (5 |
| Agriculture, forestry & fishing (A) | 200 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 4.2 | 1.6 |
| Mining, quarrying & utilities (B,D and E) | 5,000 | 2.3 | 0.8 | 1.3 | 1.1 | 1.4 | 1.3 | 0.7 | 0.3 | 0.2 | 2.0 | 0.6 | 1.6 | 1.3 |
| Manufacturing (C) | 8,000 | 3.7 | 7.4 | 3.6 | 2.4 | 4.3 | 6.2 | 4.5 | 3.3 | 4.3 | 4.4 | 8.7 | 10.5 | 8.0 |
| Construction (F) | 8,000 | 3.7 | 3.4 | 4.4 | 2.7 | 4.5 | 4.6 | 2.8 | 2.3 | 2.7 | 2.6 | 3.4 | 4.5 | 4.9 |
| Motor trades (Part G) | 3,000 | 1.4 | 1.9 | 1.6 | 1.1 | 1.2 | 1.5 | 1.2 | 0.6 | 1.1 | 1.1 | 1.7 | 1.6 | 1.8 |
| Wholesale (Part G) | 4,500 | 2.1 | 4.2 | 4.4 | 1.8 | 2.6 | 3.7 | 2.8 | 2.8 | 1.6 | 2.6 | 3.8 | 2.3 | 3.8 |
| Retail (Part G) | 19,000 | 8.7 | 8.3 | 7.3 | 8.4 | 8.6 | 7.5 | 10.1 | 9.4 | 9.1 | 10.9 | 9.8 | 9.8 | 9.5 |
| Transport & storage (inc postal) (H) | 6,000 | 2.8 | 4.2 | 4.0 | 3.6 | 3.1 | 5.1 | 5.3 | 7.4 | 3.8 | 3.1 | 3.8 | 3.2 | 4.7 |
| Accommodation & food services (I) | 15,000 | 6.9 | 6.6 | 6.6 | 9.3 | 6.9 | 6.4 | 8.5 | 7.7 | 10.2 | 5.7 | 6.8 | 7.6 | 7.4 |
| Information & communication (J) | 13,000 | 6.0 | 2.7 | 5.8 | 5.1 | 4.3 | 4.4 | 2.8 | 4.3 | 4.8 | 4.4 | 3.4 | 3.9 | 4.2 |
| Financial & insurance (K) | 13,000 | 6.0 | 4.0 | 6.9 | 9.9 | 5.5 | 5.9 | 4.0 | 5.1 | 3.2 | 2.0 | 3.8 | 2.2 | 3.4 |
| Property (L) | 3,000 | 1.4 | 1.9 | 1.6 | 1.5 | 1.9 | 1.5 | 2.0 | 2.6 | 1.9 | 1.3 | 1.3 | 1.3 | 1.8 |
| Professional, scientific & technical (M) | 17,000 | 7.8 | 9.9 | 10.9 | 9.3 | 7.8 | 11.5 | 6.9 | 12.5 | 7.0 | 5.7 | 8.7 | 5.2 | 8.5 |
| Business administration & support services (N) | 24,000 | 11.0 | 8.9 | 9.5 | 7.5 | 12.6 | 11.7 | 7.3 | 12.2 | 8.6 | 22.7 | 7.9 | 6.6 | 8.9 |
| Public administration & defence (O) | 16,000 | 7.3 | 5.1 | 4.4 | 6.6 | 5.2 | 3.3 | 6.9 | 4.1 | 8.6 | 4.8 | 4.9 | 6.6 | 4.1 |
| Education (P) | 22,000 | 10.1 | 10.8 | 8.8 | 9.3 | 7.8 | 8.8 | 10.5 | 9.9 | 10.2 | 9.6 | 12.5 | 9.2 | 8.6 |
| Health (Q) | 30,000 | 13.8 | 15.6 | 15.0 | 15.0 | 18.1 | 11.7 | 17.8 | 12.0 | 17.2 | 14.4 | 15.8 | 15.2 | 13.0 |
| Arts, entertainment, recreation & other services (R,S,T and U) | 11,000 | 5.0 | 4.2 | 4.0 | 5.1 | 4.3 | 4.2 | 6.1 | 3.6 | 5.9 | 3.1 | 3.8 | 4.5 | 4.6 |
| Total no. in employment (thousands) | 21 | 8 | 527 | 274 | 333 | 421 | 454 | 247 | 392 | 186 | 229 | 265 | 1,322 | 30,593 |

Source: Business Register & Employment Survey (Open Access), Nomis, ONS

EMPLOYMENT IN WELSH GOVERNMENT PRIORITY SECTORS

Three-fifths (61%) of Cardiff's local units and almost half (45.3%) of those in employment in the city are in one of Welsh Government's priority sectors (see Table 17). Financial and Professional Services (17.5% of total employment) is by far the largest of these in Cardiff with it accounting for almost three-tenths of the sector's total employment in Wales. Creative Industries (7.9%) and ICT (3.7%) are also more prevalent in the city than across Wales as a whole, with Cardiff again responsible for around 30% of Wales's total employment in these sectors.

In contrast, Cardiff is poorly represented by the Advanced materials/manufacturing priority sector. It accounts for only 2.0% of total employment in the city compared with 6.0% for Wales.

Table 17: Employment by Welsh Government Priority Sector, 2017

| | | Local | Units | | Employment (thousands) | | | | |
|------------------------------------|---------|-------|---------|-------|------------------------|-------|---------|-------|--|
| Priority Sector | CARDIFF | | Wal | es | CAR | DIFF | Wales | | |
| | No. | % | No. | % | No. | % | No. | % | |
| Advanced materials / manufacturing | 235 | 1.6 | 3,185 | 2.5 | 4.5 | 2.0 | 81.5 | 6.0 | |
| Construction | 1,475 | 10.0 | 14,640 | 11.7 | 14.5 | 6.4 | 109.4 | 8.1 | |
| Creative industries | 1,365 | 9.3 | 6,035 | 4.8 | 18.0 | 7.9 | 58.0 | 4.3 | |
| Energy & environment | 2,230 | 15.1 | 18,925 | 15.1 | 26.2 | 11.5 | 155.0 | 11.4 | |
| Food & Farming | 75 | 0.5 | 14,115 | 11.3 | * | * | 51.4 | 3.8 | |
| Financial & professional services | 4,640 | 31.5 | 25,090 | 20.0 | 39.9 | 17.5 | 137.7 | 10.1 | |
| ICT | 745 | 5.1 | 4,045 | 3.2 | 8.5 | 3.7 | 31.0 | 2.3 | |
| Life sciences | 60 | 0.4 | 355 | 0.3 | 2.0 | 0.9 | 13.5 | 1.0 | |
| Tourism | 1,605 | 10.9 | 13,795 | 11.0 | 18.3 | 8.0 | 127.3 | 9.4 | |
| In A Priority Sector | 8,980 | 61.0 | 77,035 | 61.6 | 102.9 | 45.3 | 600.2 | 44.2 | |
| Not In A Sector | 5,740 | 39.0 | 48,120 | 38.4 | 124.5 | 54.7 | 758.7 | 55.8 | |
| Total | 14,720 | 100.0 | 125,155 | 100.0 | 227.4 | 100.0 | 1,359.0 | 100.0 | |

Source: Welsh Government

The priority sector totals will not equal the sum of the individual priority sectors as there is overlap between several sectors.

^{*}Denotes data item is disclosive or not sufficiently robust for publication

NB. Local units are individual sites of an enterprise.

OCCUPATION

More than a quarter of Cardiff residents that are in employment work in Professional occupations (27.9%), exceeding the equivalent proportions for both Wales and the UK (see Table 18). This is also the case for the Associate professional & technical; and Sales & customer service occupations.

Compared with other major UK cities, Cardiff has a relatively high proportion of Associate professional & technical occupations (19.9%), Managers, directors & senior officials (9.8%), Professional occupations (27.9%), Administrative & secretarial occupations (10.1%), and Sales & customer service occupations (8.7%). In contrast, it has a comparatively low percentage of Skilled trades occupations (4.1%), Caring, leisure & other service occupations (5.5%), Process, plant & machine operatives (4.4%), and Elementary occupations (9.3%).

Table 18: Occupation of those in Employment, Jan – Dec 2018

| Occupation (SOC 2010) | CARDIFF | | CARDIFF | | CARDIFF | | Birming- ham (%) | Bristol, City of (%) | City of Edinburgh (%) | Glasgow City (%) | Leeds (%) |
|---|---------------|-------------------|-------------------------|-------------------|------------------|-----------|---------------------|-------------------------|-----------------------|---------------------|-----------|
| | No. | % | Bir | City Br | Edir | සී ප් | Lee | | | | |
| Managers, directors & senior officials | 18,500 | 9.8 | 8.1 | 7.3 | 10.8 | 7.5 | 9.9 | | | | |
| Professional occupations | 52,500 | 27.9 | 21.2 | 27.5 | 31.2 | 23.0 | 20.5 | | | | |
| Associate prof & tech occupations | 37,400 | 19.9 | 13.6 | 18.6 | 14.7 | 14.6 | 15.1 | | | | |
| Administrative & secretarial occupations | 19,100 | 10.1 | 8.9 | 9.0 | 8.4 | 9.9 | 9.1 | | | | |
| Skilled trades occupations | 7,800 | 4.1 | 8.0 | 6.4 | 6.8 | 7.8 | 10.2 | | | | |
| Caring, leisure & other service occupations | 10,400 | 5.5 | 9.5 | 8.7 | 5.7 | 9.3 | 10.2 | | | | |
| Sales & customer service occupations | 16,400 | 8.7 | 8.0 | 7.0 | 8.4 | 6.5 | 9.3 | | | | |
| Process, plant & machine operatives | 8,300 | 4.4 | 9.8 | 5.4 | 3.3 | 7.4 | 5.8 | | | | |
| Elementary occupations | 17,500 | 9.3 | 12.7 | 10.2 | 10.0 | 13.4 | 9.6 | | | | |
| Occupation (SOC 2010) | Liverpool (%) | Manchester (%) | Newcastle upon Tyne (%) | Nottingham (%) | Sheffield (%) | Wales (%) | United Kingdom (%) | | | | |
| Managers, directors & senior officials | 9.6 | 8.1 | 8.4 | 4.9 | 7.7 | 9.7 | 10.8 | | | | |
| Professional occupations | 21.0 | 25.0 | 27.4 | 17.1 | 29.2 | 18.7 | 20.7 | | | | |
| Associate prof & tech occupations | 15.6 | 12.3 | 13.1 | 11.0 | 12.6 | 13.8 | 14.6 | | | | |
| Administrative & secretarial occupations | 11.6 | 10.1 | 10.9 | 7.5 | 9.2 | 9.8 | 10.1 | | | | |
| Skilled trades occupations | 7.9 | 6.2 | 9.4 | 8.5 | 8.3 | 11.6 | 10.1 | | | | |
| Caring, leisure & other service occupations | 10.4 | 10.9 | 6.7 | 13.9 | 8.7 | 9.6 | 9.0 | | | | |
| Sales & customer service occupations | 6.9 | 8.7 | 8.3 | 11.2 | 8.4 | 8.0 | 7.5 | | | | |
| Process, plant & machine operatives | 4.6 | 5.0 | 6.5 | 5.5 | 5.3 | 7.3 | 6.4 | | | | |
| Elementary occupations | 12.1 | 13.0 | 8.8 | 20.2 | 10.2 | 10.9 | 10.4 | | | | |

MAJOR EMPLOYERS

Details of Cardiff companies that feature in Wales Online's Top 300 largest companies for 2018 can be seen in Table 19.

Table 19: Cardiff Companies Featuring in Wales Online's Top 300 Largest Companies, 2018

| | | | Latest | No. |
|------|---|-------------------------------------|----------|-----------|
| Rank | Company | Activity | Turnover | Employees |
| 2 | Admiral Group | Financial and professional services | £2,960m | 9,336 |
| 9 | Celsa (UK) Holdings | Manufacturing | £480m | 1,249 |
| 20 | Finsbury Food group plc | Agriculture and food | £304m | 3,162 |
| 25 | Motonovo Finance | Financial and professional services | £247m | 667 |
| 28 | Western Power Distribution South Wales | Manufacturing | £246m | 1,071 |
| 29 | Panasonic Manufacturing | Manufacturing | £236m | 428 |
| 32 | Principality Building Society | Financial and professional services | £214m | 1,129 |
| 46 | IQE | Manufacturing | £154m | 591 |
| 58 | SA Brain & Co | Retail and wholesale | £123m | 2,520 |
| 63 | The Inglis Consortium | Construction and property | £118m | |
| 74 | Wellington B | Financial and professional services | £105m | 289 |
| 77 | The Welsh Rugby Union | Sport and leisure | £97m | 341 |
| 78 | Shaw Healthcare (Group) | Charity and personal services | £95m | 3,272 |
| 87 | Borley Engineering Services | Construction and property | £84m | 137 |
| 93 | Castleoak Holdings | Construction and property | £79m | 162 |
| 95 | Hodge | Financial and professional services | £77m | 145 |
| 96 | Global Foods | Retail and wholesale | £76m | 108 |
| 101 | Penarth Commercial Properties (Holdings) | Manufacturing | £72m | 245 |
| 102 | Rightacres Property Group | Construction and property | £69m | 9 |
| 103 | Amerisur Resources | Mining and energy | £68m | 83 |
| 109 | Royal Voluntary Service | Charity and personal services | £65m | 1,214 |
| 112 | Target Topco | Financial and professional services | £64m | 849 |
| 113 | Virtusa UK | Creative and technology | £64m | 127 |
| 114 | Orangebox Group | Manufacturing | £64m | 417 |
| 115 | Euro Commercials (South Wales) | Retail and wholesale | £62m | 177 |
| 117 | Abbey Garages (Cardiff) | Retail and wholesale | £61m | 138 |
| 120 | BBI Group | Manufacturing | £59m | 516 |
| 126 | Modus Services | Construction and property | £56m | N/A |
| 127 | Madison CF UK | Financial and professional services | £56m | 116 |
| 134 | Carter Lauren (Property) | Construction and property | £53m | 92 |
| 150 | BW Pioneer (UK) | Financial and professional services | £48m | 1 |
| 157 | Pak Mecca Meats | Retail and wholesale | £47m | 84 |
| 158 | H&B Supplies | Retail and wholesale | £46m | 43 |
| 160 | Webex Communications UK | Creative and technology | £46m | N/A |

| Rank | Company | Activity | Latest Turnover | No. Employees |
|------|--|-------------------------------------|--------------------|------------------|
| 162 | WJEC CBAC | Business to business services | £45m | 409 |
| 164 | Alcumus Group | Business to business services | £44m | 491 |
| 166 | Inver Energy UK | Mining and energy | £44m | 7 |
| 177 | CCS McLays | Business to business services | £43m | 70 |
| 196 | Ludlow Street Healthcare Group | Charity and personal services | £39m | 984 |
| 201 | Andersonbrecon (UK) | Business to business services | £39m | 374 |
| 203 | Pennboro | Transport and haulage | £39m | 404 |
| 204 | Rhys Davies & Sons | Transport and haulage | £39m | 404 |
| 211 | Gyrus Medical | Manufacturing | £38m | 207 |
| 224 | Romtech | Manufacturing | £36m | 83 |
| 225 | Penn Pharmaceutical Services | Manufacturing | £35m | 357 |
| 241 | Bemaco Holding | Manufacturing | £34m | 32 |
| 256 | Suzuki Financial Services | Financial and professional services | £33m | 11 |
| 257 | R&M Williams (Holdings) | Construction and property | £33m | 132 |
| 263 | Scansource Video Communications | Business to business services | £32m | 55 |
| 265 | Castle Leisure | Sport and leisure | £32m | 640 |
| 270 | Cardiff City Transport Services | Transport and haulage | £32m | 711 |
| 278 | White Dove Securities | Retail and wholesale | £31m | 50 |
| 285 | United Purpose | Charity and personal services | £30m | 686 |
| 288 | Sapiens (UK) Insurance Software Solutions | Financial and professional services | £30m | 148 |
| 290 | Biotec Services International | Business to business services | £30m | 68 |
| 297 | Volcke Aerosol Connection | Manufacturing | £29m | 120 |
| 300 | Cardiff City Football Club | Sport and leisure | £27m | 178 |

Source: Wales Top 300, Wales Online

https://www.walesonline.co.uk/business/business-news/wales-top-300-2018-biggest-15532849

FAST GROWTH 50

The annual Fast Growth 50 looks at the fastest growing businesses in Wales. Details of Cardiff companies that feature in the list for 2018 are shown in Table 20.

Table 20: Fast Growth 50 Companies Based in Cardiff, 2018

| Rank | Company | Activity | % Growth 2015-2017 |
|------|-----------------------------|---|-----------------------|
| 2 | DMSG | Digital solutions provider | 2,244.6% |
| 5 | City Energy Network Limited | Heating | 539.6% |
| 9 | Bect Building Contractors | Construction business | 422.8% |
| 13 | DevOps Group | DevOps consultancy solutions | 286.2% |
| 16 | Oprema Ltd | Distributor of CCTV | 245.3% |
| 17 | CatSci | Tailor made chemistry services | 238.1% |
| 22 | Wild Creations | Bespoke builds and installations | 206.5% |
| 25 | LCB Construction | Construction services | 168.7% |
| 27 | S3 Advertising | Full-service national advertising agency | 162.3% |
| 29 | Amber Energy | Energy solutions | 155.5% |
| 30 | Pure Commercial Finance Ltd | Commercial finance broker | 146.3% |
| 32 | CP Hire | Construction equipment rental | 143.0% |
| 33 | Spartan Motor Factors | Automotive parts and accessories supplier | 134.7% |
| 40 | Welsh Power Group | Power plant developer and operator | 119.9% |
| 44 | Greenaway Scott Group | Legal services | 113.4% |
| 45 | 44 Group | Bar and restaurant operator | 113.1% |
| 46 | Henstaff Construction | Construction | 112.3% |
| 48 | iRG | Vehicle repair centres | 105.9% |
| 50 | Evabuild Interiors | Interior fit out projects | 101.6% |

Source: Fast Growth 50

ENTERPRISES

In 2017, there were 1,645 new enterprises in Cardiff, equating to 45.3 births per 10,000 residents (see Table 21). Although this was almost identical to the rate for Wales (45.2 per 10,000), it was below the UK average (57.8 per 10,000) as well as many of the major cities, in particular Manchester (155.1 per 10,000). Figure 19 shows that, since 2012, the number of new enterprises per 10,000 residents in Cardiff has consistently been below the UK rate. The local authority has also followed a downward trend in recent years. This is in contrast to Wales as a whole, which has seen its rate steadily increase.

Table 21: Births of New Enterprises, 2017

| Area | Births of New Enterprises | Population (Mid-2017) | Births per 10,000 Population |
|---------------------|------------------------------|--------------------------|---------------------------------|
| Manchester | 8,460 | 545,501 | 155.1 |
| Liverpool | 3,735 | 491,549 | 76.0 |
| Birmingham | 6,770 | 1,137,123 | 59.5 |
| Bristol, City of | 2,565 | 459,252 | 55.9 |
| City of Edinburgh | 2,640 | 513,210 | 51.4 |
| Glasgow City | 3,105 | 621,020 | 50.0 |
| Leeds | 3,815 | 784,846 | 48.6 |
| CARDIFF | 1,645 | 362,756 | 45.3 |
| Nottingham | 1,440 | 329,209 | 43.7 |
| Newcastle upon Tyne | 1,280 | 295,842 | 43.3 |
| Sheffield | 2,200 | 577,789 | 38.1 |
| Wales | 14,120 | 3,125,165 | 45.2 |
| United Kingdom | 381,885 | 66,040,229 | 57.8 |

Source: Business Demography/Mid-Year Population Estimates, ONS

70.0 60.0 Births per 10,000 population 50.0 40.0 30.0 20.0 10.0 0.0 2012 2017 2013 2014 2015 2016 -Cardiff -Wales

Figure 19: Births of New Enterprises per 10,000 Population, 2012 – 2017

Source: Business Demography/Mid-Year Population Estimates, ONS

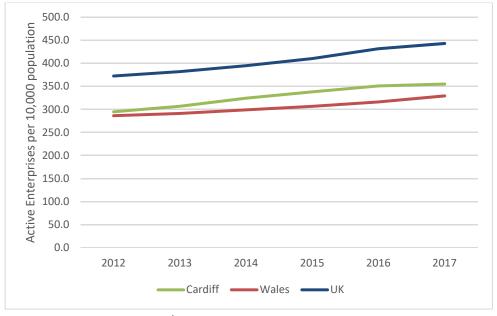
Cardiff had 12,875 active enterprises in 2017, representing a rate of 354.9 per 10,000 residents (see Table 22). As had been the case since 2012, this exceeded the figure for Wales but was below that of the UK (see Figure 20), despite following an upward trend over the period. Its 2017 rate was also less than those of several other major UK cities including Manchester (568.4 per 10,000).

Table 22: Active Enterprises, 2017

| Area | Active Enterprises | Population (Mid-2017) | Active Enterprises per 10,000 Population |
|---------------------|--------------------|--------------------------|--|
| Manchester | 31,005 | 545,501 | 568.4 |
| Bristol, City of | 20,535 | 459,252 | 447.1 |
| Leeds | 33,335 | 784,846 | 424.7 |
| City of Edinburgh | 21,400 | 513,210 | 417.0 |
| Birmingham | 43,520 | 1,137,123 | 382.7 |
| CARDIFF | 12,875 | 362,756 | 354.9 |
| Glasgow City | 21,840 | 621,020 | 351.7 |
| Liverpool | 17,020 | 491,549 | 346.3 |
| Newcastle upon Tyne | 9,365 | 295,842 | 316.6 |
| Nottingham | 10,380 | 329,209 | 315.3 |
| Sheffield | 18,180 | 577,789 | 314.6 |
| Wales | 102,890 | 3,125,165 | 329.2 |
| United Kingdom | 2,925,600 | 66,040,229 | 443.0 |

Source: Business Demography/Mid-Year Population Estimates, ONS

Figure 20: Active Enterprises per 10,000 Population, 2012 - 2017



Source: Business Demography/Mid-Year Population Estimates, ONS

JOBS DENSITY

Jobs density is defined as the total number of filled jobs in an area (by residents and workers that commute into the area) divided by the resident population aged 16 to 64 in that area. Total jobs includes employees, self-employed, government-supported trainees and HM Forces.

In 2017, Cardiff's jobs density was 0.97 (i.e. 0.97 jobs for every resident aged 16 to 64) – see Table 23. This was below the figure for many of the major UK cities but exceeded those of both Wales (0.76) and the UK (0.85).

Table 23: Jobs Density, 2017

| Area | Jobs Density |
|---------------------|--------------|
| Manchester | 1.14 |
| Nottingham | 1.08 |
| Glasgow City | 1.06 |
| Newcastle upon Tyne | 1.02 |
| City of Edinburgh | 1.02 |
| Bristol, City of | 1.01 |
| CARDIFF | 0.97 |
| Leeds | 0.97 |
| Liverpool | 0.83 |
| Birmingham | 0.81 |
| Sheffield | 0.77 |
| Wales | 0.76 |
| United Kingdom | 0.85 |

Source: Nomis

ECONOMIC ACTIVITY RATE (AGED 16-64)

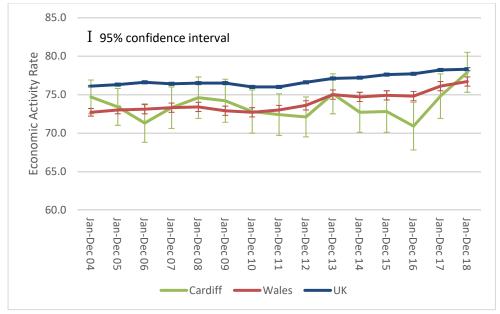
Cardiff's economic activity rate for those aged 16-64 stood at 77.9% for January to December 2018; the third highest rate across major UK cities (see Table 24). Following recent increases, this exceeded the Wales rate for the first time in five years and was also only just lower than that of the UK, having consistently been below it since 2004 (see Figure 21).

Table 24: Economic Activity Rate (Aged 16 to 64), Jan – Dec 2018

| Area | Economic Activity Rate (%) |
|---------------------|----------------------------------|
| City of Edinburgh | 80.9 |
| Bristol, City of | 80.2 |
| CARDIFF | 77.9 |
| Leeds | 77.6 |
| Sheffield | 77.0 |
| Manchester | 73.0 |
| Newcastle upon Tyne | 71.8 |
| Liverpool | 71.1 |
| Birmingham | 70.8 |
| Glasgow City | 68.6 |
| Nottingham | 67.4 |
| Wales | 76.7 |
| United Kingdom | 78.3 |

Source: Annual Population Survey, ONS

Figure 21: Economic Activity Rate (Aged 16 to 64), Jan-Dec 2004 to Jan-Dec 2018



REASONS FOR ECONOMIC INACTIVITY (AGED 16-64)

The reasons for Cardiff's population aged 16 to 64 being economically inactive can be seen in Table 25. This shows that over two-fifths (41.5%) are inactive because they are students; the second highest proportion across the UK's major cities and significantly above the equivalent figures for Wales (24.8%) and the UK (26.9%).

Table 25: Reasons for Economic Inactivity (Aged 16 to 64), Jan – Dec 2018

| | % of Economically Inactive Population Aged 16-64: | | | 6-64: | |
|---------------------|---|-------------------------------------|-------------------|---------|-----------------|
| Area | Student | Looking After Family/ Home | Long-Term Sick | Retired | Other Reason |
| Nottingham | 44.9 | 18.8 | 23.9 | 3.1 | 9.4 |
| CARDIFF | 41.5 | 20.5 | 17.6 | 7.3 | 13.1 |
| Manchester | 40.4 | 23.8 | 22.6 | 3.5 | 9.7 |
| Birmingham | 38.9 | 27.3 | 15.7 | 6.4 | 11.7 |
| Leeds | 37.4 | 20.0 | 17.2 | 16.7 | 8.7 |
| Bristol, City of | 36.6 | 20.0 | 18.5 | 11.5 | 13.4 |
| Newcastle upon Tyne | 36.0 | 16.6 | 27.7 | 10.3 | 9.3 |
| Glasgow City | 35.8 | 16.5 | 26.8 | 7.8 | 13.2 |
| Sheffield | 35.4 | 22.3 | 22.2 | 12.1 | 7.9 |
| City of Edinburgh | 31.6 | 18.2 | 18.6 | 14.5 | 17.2 |
| Liverpool | 26.4 | 25.5 | 26.9 | 9.2 | 12.1 |
| Wales | 24.8 | 20.1 | 28.0 | 15.1 | 12.0 |
| United Kingdom | 26.9 | 23.6 | 22.9 | 13.2 | 13.4 |

ECONOMICALLY ACTIVE WHO WANT A JOB (AGED 16-64)

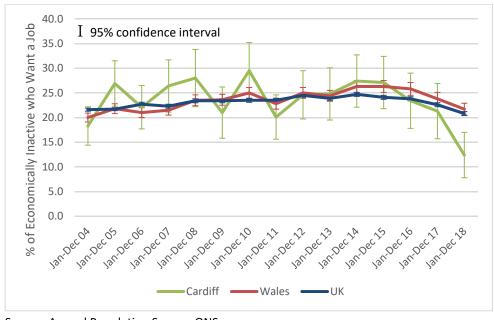
Only 12.4% of Cardiff's economically inactive population aged 16-64 want a job (see Table 26). This is the lowest proportion across the major UK cities and is less than half the figures for both Sheffield (29.3%) and the City of Edinburgh (26.8%). It is also significantly below the percentages for Wales (21.7%) and the UK (20.8%), with the local authority rate having followed a downward trend in recent years (see Figure 22).

Table 26: Economically Inactive Who Want A Job (Aged 16 to 64), Jan – Dec 2018

| Area | Economically Active Who Want A Job (%) |
|---------------------|--|
| Sheffield | 29.3 |
| City of Edinburgh | 26.8 |
| Nottingham | 23.2 |
| Glasgow City | 22.1 |
| Manchester | 20.1 |
| Newcastle upon Tyne | 19.0 |
| Liverpool | 16.4 |
| Bristol, City of | 16.2 |
| Birmingham | 15.7 |
| Leeds | 14.6 |
| CARDIFF | 12.4 |
| Wales | 21.7 |
| United Kingdom | 20.8 |

Source: Annual Population Survey, ONS

Figure 22: Economically Inactive Who Want a Job (Aged 16 to 64), Jan-Dec 2004 to Jan-Dec 2018



UNEMPLOYMENT RATE (AGED 16+)

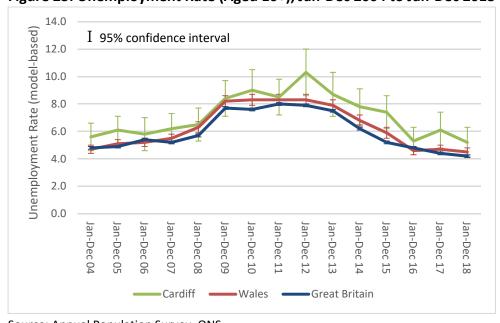
Cardiff's unemployment rate for those aged 16+ of 5.2% makes it a mid-table performer across the core city network (see Table 27). Although it has experienced a downward trend since 2012, Cardiff's figure has consistently exceeded those of both the Wales and Great Britain since 2004 (see Figure 23).

Table 27: Unemployment Rate (Aged 16+), Jan – Dec 2018

| Area | Unemployment Rate (Aged 16+) |
|---------------------|---------------------------------|
| Birmingham | 7.3 |
| Nottingham | 7.0 |
| Glasgow City | 5.9 |
| Newcastle upon Tyne | 5.4 |
| CARDIFF | 5.2 |
| Manchester | 5.2 |
| Sheffield | 4.8 |
| Liverpool | 4.0 |
| City of Edinburgh | 4.0 |
| Leeds | 3.9 |
| Bristol, City of | 3.8 |
| Wales | 4.5 |
| Great Britain | 4.2 |

Source: Annual Population Survey, ONS NB. Local authority rates are model-based

Figure 23: Unemployment Rate (Aged 16+), Jan-Dec 2004 to Jan-Dec 2018



Source: Annual Population Survey, ONS NB. Cardiff rate is model-based

CLAIMANT COUNT (% OF POPULATION AGED 16-64)

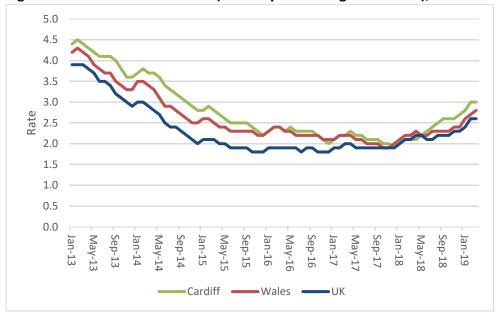
In March 2019, Cardiff had a claimant count rate of 3.0% making it a mid-table performer across the major UK cities (see Table 28). Since the beginning of 2013, the local authority has predominantly compared poorly with both Wales and the UK, although all three areas have seen their rate increase in the last 18 months (see Figure 24).

Table 28: Claimant Count Rate (% of Population Aged 16 to 64), March 2019

| Area | Claimant Count Rate (%) |
|---------------------|----------------------------|
| Birmingham | 5.9 |
| Newcastle upon Tyne | 4.5 |
| Manchester | 4.0 |
| Liverpool | 3.9 |
| Glasgow City | 3.6 |
| Nottingham | 3.4 |
| CARDIFF | 3.0 |
| Leeds | 2.7 |
| Sheffield | 2.4 |
| Bristol, City of | 2.2 |
| City of Edinburgh | 1.5 |
| Wales | 2.8 |
| United Kingdom | 2.6 |

Source: Claimant Count, Nomis

Figure 24: Claimant Count Rate (% of Population Aged 16 to 64), Jan 2013 – Mar 2019

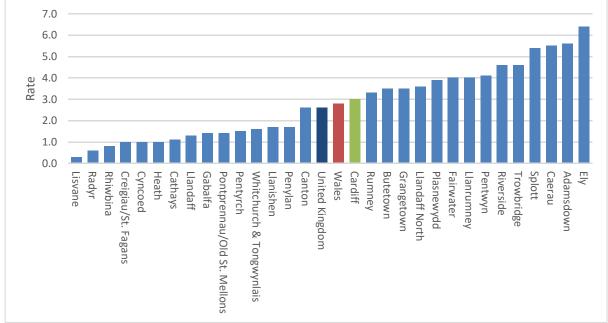


Source: Claimant Count, Nomis

The disparities in the claimant count rate across Cardiff's wards, where in March 2019 it ranged from 0.3% in Lisvane to 6.4% in Ely, can be seen in Figures 25 and 26.

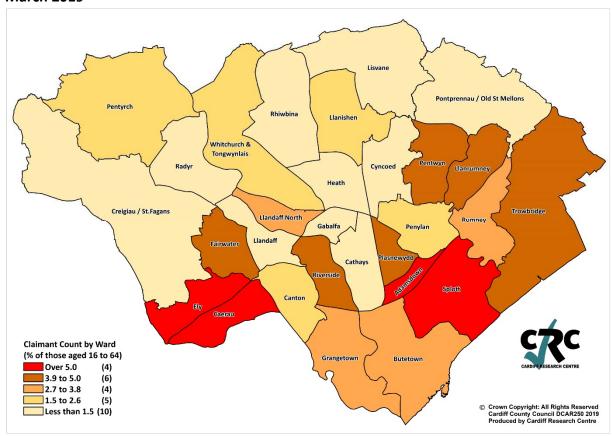
Figure 25: Claimant Count Rate (% of Population Aged 16 to 64) in Cardiff by Ward, March 2019

7.0



Source: Claimant Count, Nomis

Figure 26: Map of Claimant Count Rate (% of Population Aged 16 to 64) in Cardiff by Ward, March 2019



Source: Claimant Count, Nomis/Cardiff Council

CLAIMANT COUNT (AGED 18-24)

Cardiff's claimant count rate for those aged 18 to 24 (2.6%) is again a mid-level figure across the major UK cities (see Table 29). However, in contrast to those aged 16 to 64, it compares favourably with the Wales and UK rates and has consistently been below them since January 2013 despite increasing in recent months (see Figure 27).

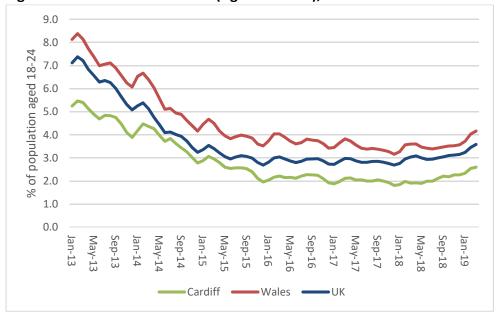
Table 29: Claimant Count Rate (Aged 18 to 24), March 2019

| Area | No. Claimants (18-24) | Population Aged 18-24 (Mid-2018) | Rate |
|---------------------|--------------------------|-------------------------------------|------|
| Birmingham | 7,820 | 141,218 | 5.5 |
| Glasgow City | 2,605 | 68,432 | 3.8 |
| Manchester | 2,970 | 85,960 | 3.5 |
| Liverpool | 2,245 | 69,197 | 3.2 |
| Newcastle upon Tyne | 1,640 | 51,748 | 3.2 |
| CARDIFF | 1,415 | 54,497 | 2.6 |
| Leeds | 2,585 | 102,810 | 2.5 |
| Nottingham | 1,490 | 65,582 | 2.3 |
| Sheffield | 1,740 | 80,642 | 2.2 |
| Bristol, City of | 1,170 | 64,652 | 1.8 |
| City of Edinburgh | 815 | 56,710 | 1.4 |
| Wales | 11,640 | 279,561 | 4.2 |
| United Kingdom | 204,915 | 5,713,686 | 3.6 |

Source: Claimant Count, Nomis/Mid-Year Population Estimates, ONS

NB. Claimant numbers have are rounded to the nearest five.

Figure 27: Claimant Count Rate (Aged 18 to 24), Jan 2013 - Mar 2019



Source: Claimant Count, Nomis/Mid-Year Population Estimates, ONS