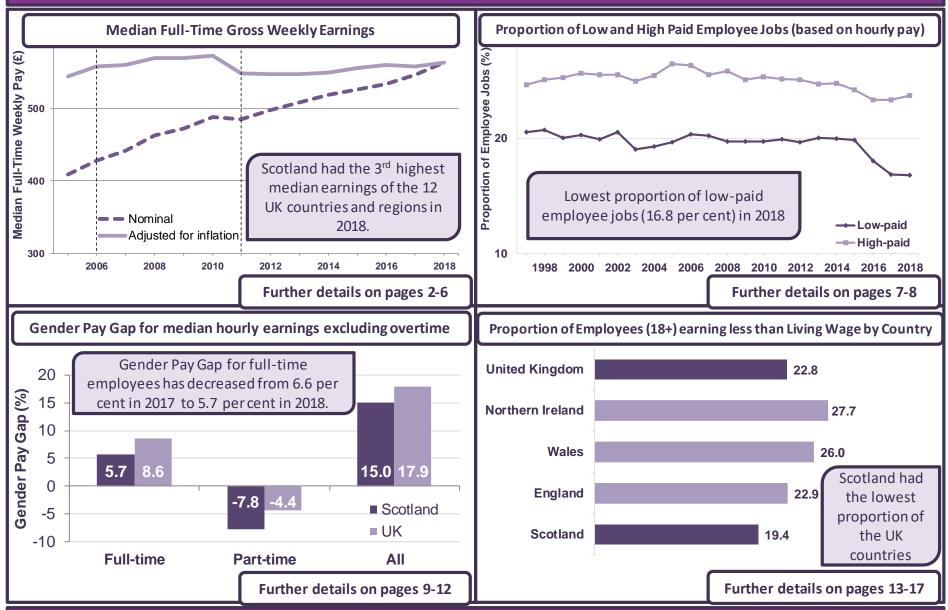
# Annual Survey of Hours and Earnings – Scotland Analysis

Scottish Government Riaghaltas na h-Alba gov.scot

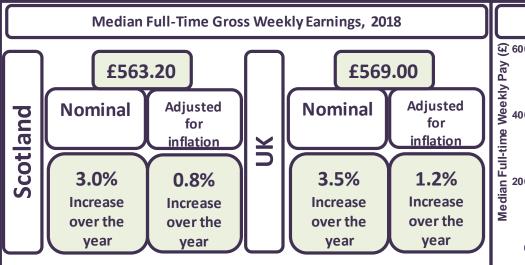
**OCEAES: Economic Statistics** 



### **Weekly Earnings**

Median Weekly Earnings increased by 3.0 per cent from £546.60 in 2017 to £563.20 in 2018

OCEAES: Economic Statistics







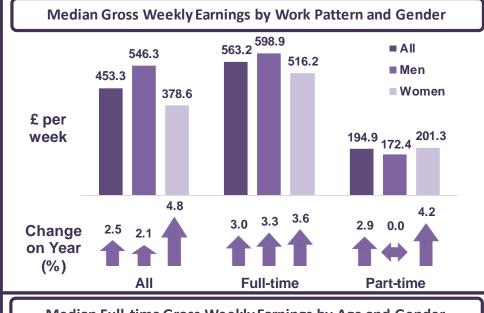
Gross median weekly earnings for full-time employees in Scotland were £563.20 in 2018, an increase of 3.0% over the year. In the UK, gross median weekly earnings for full-time employees were £569.00, an increase of 3.5%.

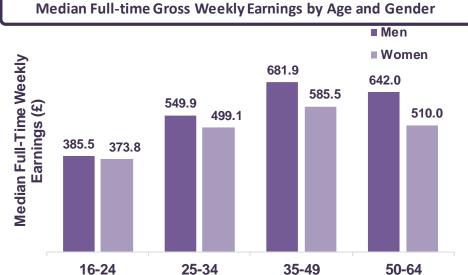
Adjusted for inflation (using the Consumer Prices Index including owner occupiers' housing costs (CPIH)), gross median weekly earning for full-time employees in Scotland increased by 0.8% over the year from £558.80 in 2017 to £563.20 in 2018, lower than in 2010. The UK increased by 1.2% over the year from £562.30 to £569.00.

# Weekly Earnings by Gender and Age

Women's full-time weekly earnings increased at a faster rate than men's between 2017 and 2018

OCEAES: Economic Statistics





#### **Work Pattern**

In the last year, women's earnings increased at a faster rate than for men.

Median gross full-time weekly earnings for women increased by 3.6 per cent to £516.20 compared with an increase of 3.0 per cent for men.

Median gross part-time weekly earnings for women increased by 4.2 per cent to £201.30 while men's part-time earnings remained unchanged.

#### Age

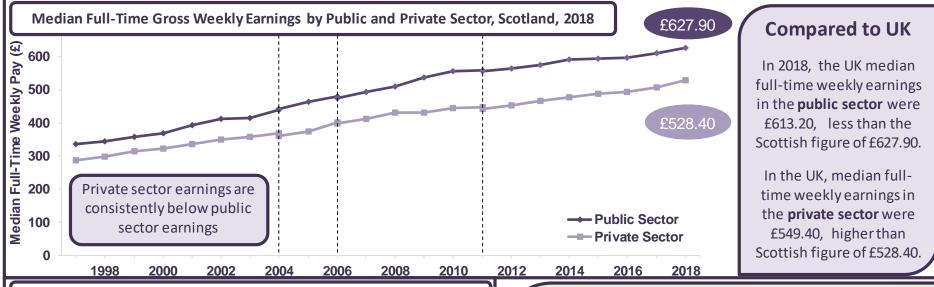
For men and women in Scotland, full-time gross weekly earnings reached a peak at age range 35-49 (£681.90 for men and £585.50 for women).

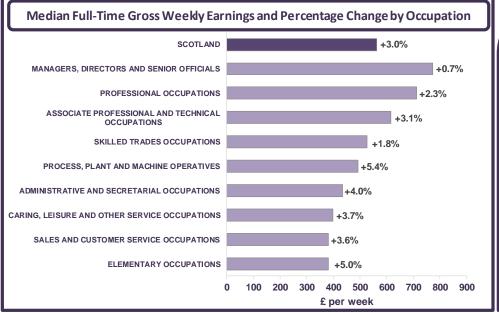
Women's full-time weekly earnings are less than men's earnings for all age groups with the gap between men and women's earnings increasing with age from 16-24 to 50-64 year olds.

# **Weekly Earnings by Sector and Occupation**

Growth in Full-time Weekly Earnings was highest in the lowest paid occupations

OCEAES: Economic Statistics





In 2018, the occupation with the highest median weekly earnings for full-time employees was **Managers, directors and senior officials** at £772.20. This was £209.00 higher than Scotland as a whole.

**Elementary** and **Sales and customer service occupations** were the lowest paid occupations at £381.20 and £381.30 per week, respectively.

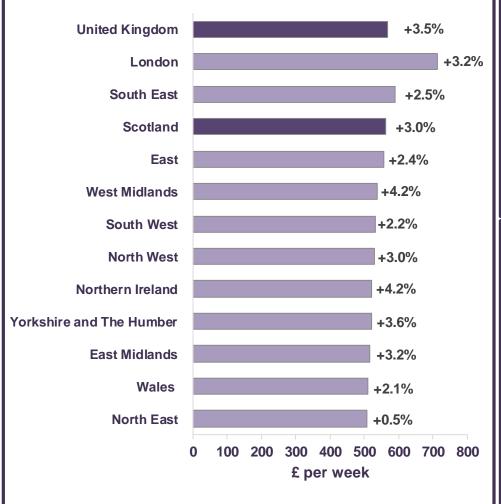
The largest annual percentage changes in full-time median weekly earnings since 2017 were seen in **Process, plant and machine operatives** and **Elementary occupations** - likely to be driven by the increase in the NMW/NLW\* rates in April 2018.

# **Weekly Earnings by Country and Region**

Scotland had the 3<sup>rd</sup> highest median full-time weekly earnings of the 12 countries and regions of the UK

OCEAES: Economic Statistics

Median Full-Time Gross Weekly Earnings and Annual Percentage Change by UK Country & Region, 2018

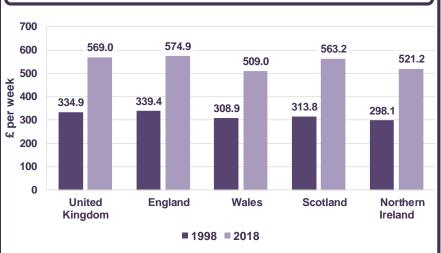


In 2018, median gross weekly earnings for full-time employees were highest in London (£713.20) and lowest in the North East (£506.80).

Scotland had the third highest median gross weekly earnings for full-time employees of the 12 countries and regions of the UK at £563.20, behind London (£713.20) and the South East (£589.20).

Scotland had the largest growth in median gross weekly earnings for full-time employees between 1998 and 2018 of the countries of the UK.

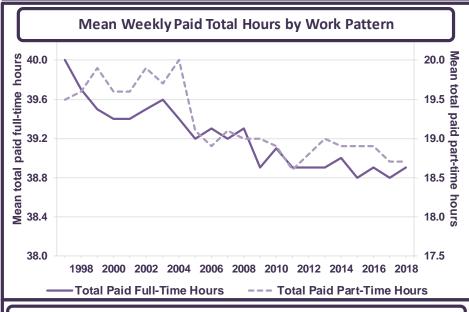
#### Median Full-Time Gross Weekly Earnings by UK Country

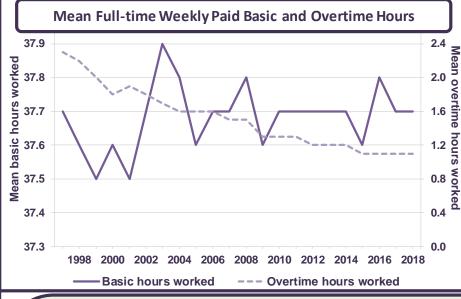


# **Weekly Paid Hours of Work**

Overtime hours have reduced from an average of 2.3 hours per week in 1997 to 1.1 hours in 2018

OCEAES: Economic Statistics





#### Mean Full-time Weekly Paid Total Hours by Age and Gender paid hours 40.4 40.2 40.4 40.0 39.7 37.6 37.8 37.1 37.1 36.5 Mean full-time 16-24 25-34 35-49 50-64 65+

#### Total Hours (basic & overtime) by Work Pattern

The average total paid hours per week for full-time employees increased by 0.3 per cent between 2017 and 2018, while average total paid hours for part-time employees remained unchanged over the year.

#### **Basic and Overtime Hours**

Average overtime hours per week for full-time employees have decreased from 2.3 hours per week in 1997 to 1.1 hours per week in 2018 while average basic hours have remained relatively constant at 37.7 hours per week.

■ Men
■ Women

### Low and High Pay in Scotland

Lowest proportion of low-paid employee jobs in Scotland since the series began in 1997

OCEAES: Economic Statistics

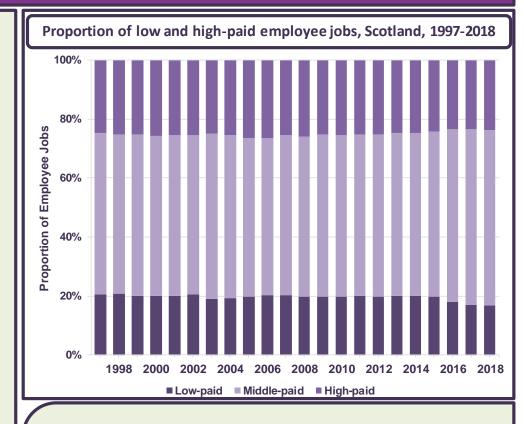
#### Low and High-Paid Employee Jobs

For this analysis, **low pay** is defined as two-thirds of the median hourly earnings for those working in Scotland and **high pay** is defined as the value that is one and a half times the median hourly earnings for those working in Scotland.

#### **Calculation**

For example, the median hourly earnings for all employees working in Scotland in 2018 is £12.90. Therefore, low-paid employee jobs are defined as earning less than £8.60 per hour and high-paid employee jobs are defined as those earning more than £19.35 per hour.

Source: Organisation for Economic Co-operation and Development (OECD) definitions (https://data.oecd.org/earnwage/wage-levels.htm)

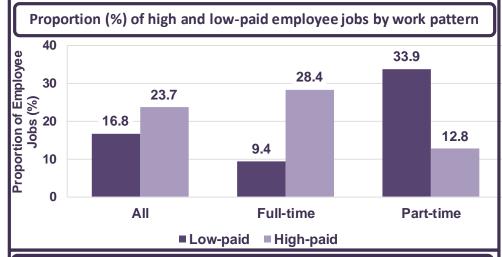


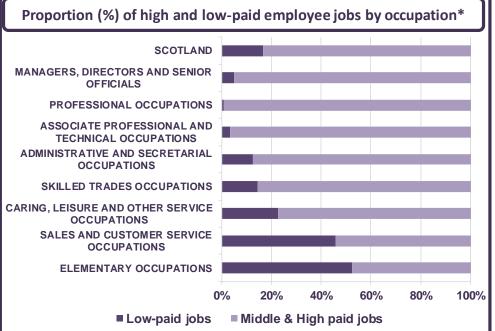
In 2018, it is estimated that **16.8 per cent** of all employee jobs in Scotland are low-paid in relation to hourly pay, down from 20.2 per cent in 2007.

This is the lowest proportion of low-paid employee jobs since the series began in 1997.

# Low and High Pay in Scotland by Work Pattern and Occupation

52.5 per cent of all employee jobs in elementary occupations are low-paid OCEAES: Economic Statistics





#### **Work Pattern**

In 2018, 33.9 per cent of part-time employee jobs are estimated to be low-paid compared with 9.4 per cent of full-time employee jobs.

Between 2017 and 2018, the proportion of lowpaid full-time employee jobs decreased from 9.9 per cent to 9.4 per cent while the proportion of low-paid part-time employee jobs remained unchanged.

#### Occupation

In 2018, over half (52.2 per cent) of all employee jobs in elementary occupations were low-paid, down from 52.7 per cent in 2017.

Professional occupations had the lowest proportion of low-earning employees at 0.8 per cent.

<sup>\*</sup> estimate for the proportion of low-earning employees jobs in Process, plant and machine operative occupations is below the reliability threshold and should not be used for practical purposes.

# **Gender Pay Gap**

Gender Pay Gap for Full-time Employees in Scotland decreased from 6.6% in 2017 to 5.7% in 2018

OCEAES: Economic Statistics

### **Gender Pay Gap Calculation**

The gender pay gap is calculated as the difference between the average hourly earnings (excluding overtime) for men and women as a proportion of the average hourly earnings (excluding overtime) for men.

There are a range of measures used to monitor the gender pay gap.

#### **Gender Pay Gap Comparisons**

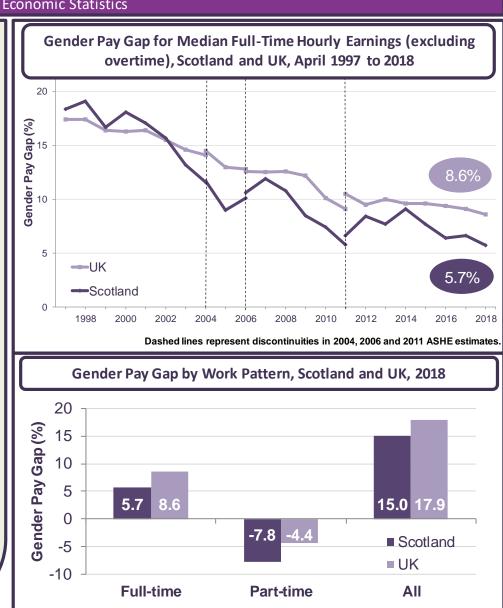
Median full-time hourly earnings (excluding overtime)

#### Compared to 2017

Over the last year, the headline Gender Pay Gap in Scotland has decreased from 6.6 per cent to 5.7 per cent due to women's hourly earnings increasing at a faster rate than men's hourly earnings.

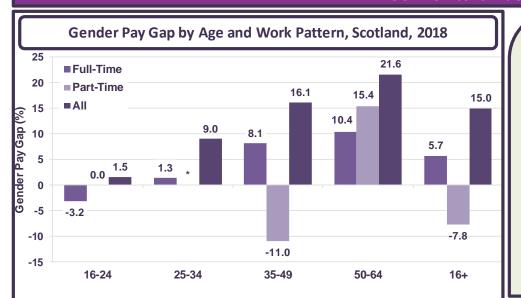
#### **Compared to UK**

The Gender Pay Gap in Scotland has been lower than in the UK since 2003. Over the past year, the gender pay gap in the UK has decreased from 9.1 per cent to 8.6 per cent.



# **Gender Pay Gap by Age**

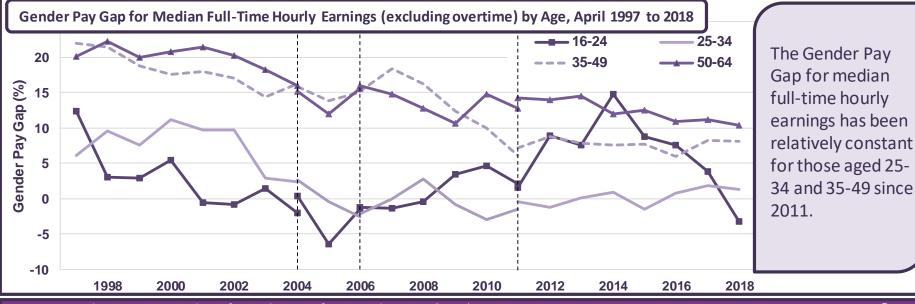
Gender Pay Gap for Full-time Employees in Scotland increases with age
OCEAES: Economic Statistics



The Gender Pay Gap for full-time employees aged 16-24 is -3.2 per cent meaning that women earn more, on average, than men in this age group.

The Gender Pay Gap for full-time employees increases with age, with those aged 50-64 having the highest gender pay gap for all, full-time and part-time employees.

\* Gender Pay Gap estimate for part-time employees aged 25-34 is unreliable and should not be used for practical purposes.

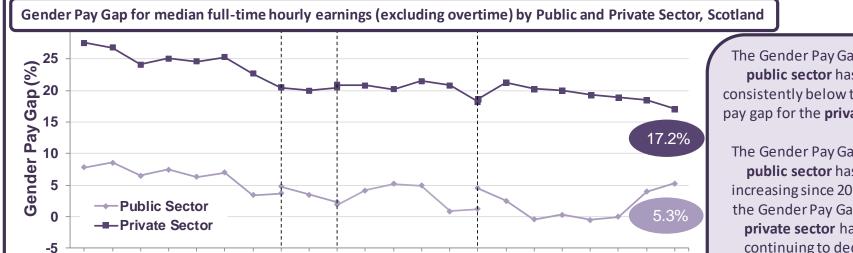


# **Gender Pay Gap by Sector and Occupation**

Gender Pay Gap for median full-time hourly earnings has increased over the year in the public sector **OCEAES: Economic Statistics** 

2014

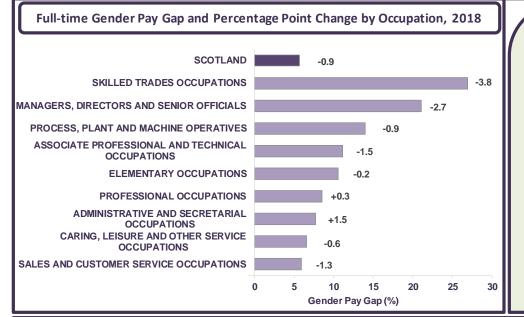
2012



2010

The Gender Pay Gap for the public sector has been consistently below the gender pay gap for the private sector.

The Gender Pay Gap for the public sector has been increasing since 2016 while the Gender Pay Gap for the private sector has been continuing to decrease.



1998

2000

2002

2004

2006

2008

In 2018, the Gender Pay Gap for median full-time hourly earnings (excluding overtime) was highest for Skilled trades occupations at 26.9 per cent and lowest for Sales and customer service occupations at 5.9 per cent.

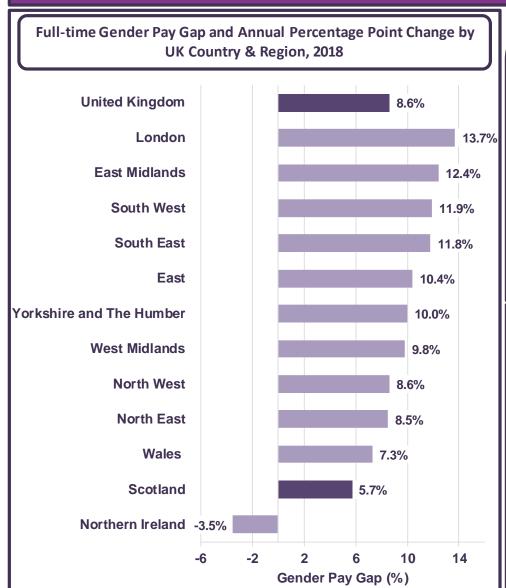
2018

2016

Since 2017, the Gender Pay Gap has decreased in 7 of the 9 main occupation groups due to women's hourly earnings (excluding overtime) in these occupations increasing at a faster rate than men's hourly earnings in these occupations.

# **Gender Pay Gap by Country and Region**

Scotland had the 2<sup>nd</sup> lowest gender pay gap of the 12 countries and regions of the UK OCEAES: Economic Statistics



In 2018, London had the highest gender pay gap for median full-time hourly earnings (excluding overtime) at 13.7 per cent while Northern Ireland had the lowest at -3.5 per cent.

Scotland had the second lowest gender pay gap for median full-time hourly earnings (excluding overtime) of the 12 countries and regions of the UK at 5.7 per cent, behind Northern Ireland where women earn more than men on average.

The Gender Pay Gap has reduced over time for all of the countries of the UK.



# **Living Wage**

The proportion of employees earnings less than the Living Wage in Scotland increased over the year\*

OCEAES: Economic Statistics

### **Real Living Wage Rates**

The following rates have been used to calculate the estimated proportion of employees in Scotland earning less than the Living Wage.

	Real Living Wage rates	
	UK (Outside of London)	London
2012	£7.20	£8.30
2013	£7.45	£8.55
2014	£7.65	£8.80
2015	£7.85	£9.15
2016	£8.25	£9.40
2017	£8.45	£9.75
2018	£8.75	£10.20

Source: Living Wage Foundation

(https://www.livingwage.org.uk/calculation)

These Living Wage rates have been independently calculated according to the cost of living based on household goods and services.

Living Wage analysis from the Annual Survey of Hours and Earnings covers those aged 18 and over on the PAYE system and whose pay was not affected by absence.



470,000 employees (19.4 per cent of people in employment) in Scotland earned less than the Living Wage (£8.75) in 2018, an increase of 37,000 since 2017.

#### **Over time**

The proportion of employees earning less than the Living Wage remained relatively constant between 2012 to 2016, decreased between 2016 and 2017 and increased over the last year.\*

\*increase over the year is not statistically significant.

# **Living Wage by Age and Gender**

A higher proportion of women (22.4%) in Scotland earn less than the Living Wage than men (16.0%)

OCEAES: Economic Statistics

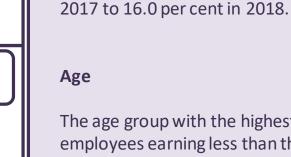


46.2

18-24

18.5

25-34



Gender

The age group with the highest proportion of employees earning less than the Living Wage was those aged 18-24 at 53.8 per cent, up from 47.6 per cent in 2017.

The proportion of women in Scotland earning less than the Living Wage (£8.75) in 2018 was 22.4 per cent, up from 22.0 per cent in 2017

while the proportion of men earning less than the Living Wage increased from 14.5 per cent in

From 2012 to 2018, the proportion of employees earning less than the Living Wage has decreased for those aged 18-24, increased for those aged 25-34 and 50+ and remained relatively constant for those aged 35-49.

50+

17.0

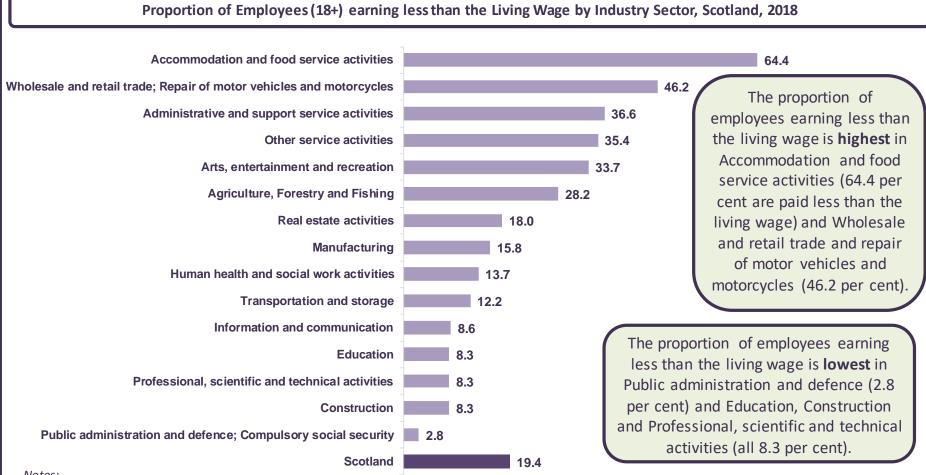
■ Earning less than the living wage ■ Earning the living wage or more

12.4

35-49

# **Living Wage by Industry Sector**

Accommodation and Food Service Activities industry sector has the highest proportion earning less than the Living Wage OCEAES: Economic Statistics

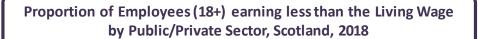


#### Notes:

- 1. Estimates based on Scottish Government analysis of Annual Survey of Hours and Earnings, ONS.
- 2. ASHE data for April 2018, therefore living wage rate of £8.75 per hour has been applied to this analysis.
- 3. It is not possible to display the following sectors due to small sample sizes Electricity, gas, steam and air conditioning supply; Water supply, sewerage, waste management and remediation activities; Financial and insurance activities; Activities of households as employers, undifferentiated goods and services producing activities of households for own use; Mining and Quarrying
- 4. The sectors are defined using the Standard Industrial Classification (SIC) Codes 2007

# Living Wage by Public/Private Sector and Local Authority

A higher proportion of employees in the private sector earn less than the living wage than employees in the public sector OCEAES: Economic Statistics





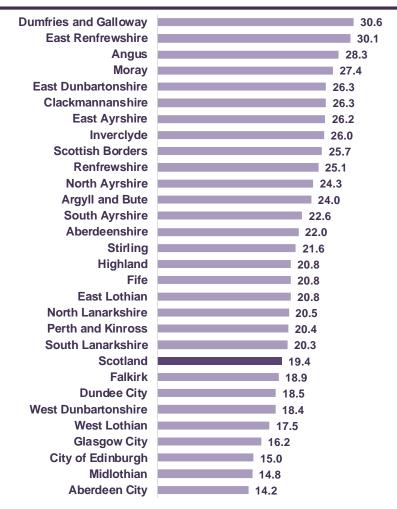
#### **Public/Private Sector**

It is estimated that 27.6 per cent of employees in the private sector earn less than the Living Wage compared to 5.6 per cent in the public sector.

#### **Local Authorities**

20 of Scotland's local authorities saw increases in the proportion of employees earning less than the Living Wage between 2017 and 2018.

Proportion of Employees (18+) earning less than the Living Wage by Local Authority (workplace based), Scotland, 2018



\*estimates for Na h-Eileanan Siar, Orkney Islands and Shetland Islands are unreliable and should not be used for practical purposes.

# **Living Wage by Country and Region**

Scotland had the 2<sup>nd</sup> lowest proportion of employees earning less than the Living Wage across the UK **OCEAES: Economic Statistics** 

25.7

24.7

19.4



Yorkshire and The Humber

**West Midlands** 

**Scotland** 

**North East** 25.3

**North West** 24.4

**South West** 23.4 East 22.8

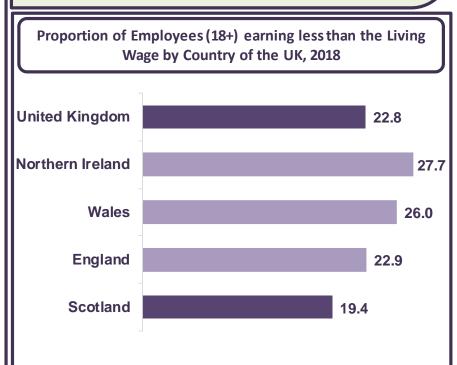
London 20.4

**South East** 18.8

Note: Analysis is based on the Living Wage rate of £10.20 for employees in London and £8.75 for employees who did not work in London in April 2018.

Scotland had the lowest proportion of employees earning less than the Living Wage (19.4 per cent) across the countries of the UK.

Across the 12 countries and regions of the UK, Scotland had the second lowest proportion of employees earning less than the Living Wage, behind the South East (18.8 per cent).



# **Annual Survey of Hours and Earnings**

# Further Information OCEAES: Economic Statistics

#### **Further Information**

The Annual Survey of Hours and Earnings (ASHE) is the official source of UK earnings and hours worked estimates. ASHE data is published annually by the Office for National Statistics (ONS) and is based on a 1 per cent sample of the Pay As You Earn (PAYE) system.

Tables providing Scottish estimates for a number of different breakdowns are available on the Scottish Government website at: https://www2.gov.scot/Topics/Statistics/Browse/Labour-Market/Earnings

#### **ONS:**

Labour Market Statistics Theme page: <a href="http://www.ons.gov.uk/ons/taxonomy/index.html?nscl=Labour+Market">http://www.ons.gov.uk/ons/taxonomy/index.html?nscl=Labour+Market</a>

Employee earnings in the UK:

https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/earningsandworkinghours/bulletins/annualsurveyofhoursandearnings/2018

Low and high pay in the UK:

https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/earningsandworkinghours/bulletins/lowandhighpayuk/2018 Gender Pay Gap in the UK:

https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/earningsandworkinghours/bulletins/genderpaygapintheuk/2018

#### **NOMIS:**

Online database for official labour market statistics: <a href="https://www.nomisweb.co.uk/default.asp">https://www.nomisweb.co.uk/default.asp</a>

#### **Contact details**

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This slide pack was produced by the OCEAES: Economic Statistics: Labour Market Statistics team. If you have any comments on the style and content of this briefing pack, please contact us at the above email address.