

Statistical bulletin

Average weekly earnings in Great Britain: December 2022

Estimates of growth in earnings for employees before tax and other deductions from pay.



Release date: 13 December 2022 Next release: 17 January 2023

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1. Other pages in this release

- Labour market overview
- Employment in the UK
- Vacancies and jobs in the UK
- Earnings and employment from Pay As You Earn Real Time Information, UK

2. Main points for August to October 2022

- Growth in average total pay (including bonuses) and regular pay (excluding bonuses) among employees
 was the same at 6.1% in August to October 2022; for regular pay this is the strongest growth rate seen
 outside of the coronavirus (COVID-19) pandemic period.
- In August to October 2022, growth in total and regular pay both fell in real terms (adjusted for inflation) by 2.7% on the year; this is slightly smaller than the record fall in real regular pay we saw in April to June 2022 (3.0%) but still remains among the largest falls in growth since comparable records began in 2001.
- Average regular pay growth for the private sector was 6.9% in August to October 2022, and 2.7% for the
 public sector; outside of the height of the pandemic period, this is the largest growth rate seen for the
 private sector and is among the largest differences between the private sector and public sector growth
 rates we have seen.
- The finance and business services sector saw the largest regular growth rate at 7.0%, followed by the wholesaling, retailing, hotels and restaurants sector at 6.6%.

The estimates in this bulletin come from a survey of businesses. It is not possible to survey every business each month, so these statistics are estimates based on a sample, not precise figures.

3. Analysis of average weekly earnings (AWE)

Figure 1: Average weekly earnings for total pay were £624 and for regular pay were £583 in October 2022, showing a steady increase over time (except for early on in the coronavirus pandemic)

Average weekly earnings in Great Britain, seasonally adjusted, January 2000 to October 2022

Figure 1: Average weekly earnings for total pay were £624 and for regular pay were £583 in October 2022, showing a steady increase over time (except for early on in the coronavirus pandemic)

Average weekly earnings in Great Britain, seasonally adjusted, January 2000 to October 2022



Source: Office for National Statistics – Monthly Wages and Salaries Survey

Average weekly earnings were estimated at £624 for total pay and £583 for regular pay in October 2022. Figure 1 shows that average weekly earnings have steadily increased, with the exception of the early months of the coronavirus (COVID-19) pandemic.

Figure 2: Both real total and regular pay fell on the year

Average weekly earnings annual growth rates in Great Britain, seasonally adjusted, January to March 2001 to August to October 2022

Figure 2: Both real total and regular pay fell on the year

Average weekly earnings annual growth rates in Great Britain, seasonally adjusted, January to March 2001 to August to October 2022



Source: Office for National Statistics - Monthly Wages and Salaries Survey

The rate of annual pay growth for both total pay and regular pay was 6.1% in August to October 2022; this is the strongest growth in regular pay seen outside of the pandemic period.

Over the last 12 months, we have continued to see higher levels of bonus payments compared with previous bonus levels, particularly in March 2022 when the non-seasonally adjusted bonus payment was extremely strong. The largest bonus payments are in the finance and business services sector.

Previously we noted that certain sectors were affected by a small amount of base effect because of the winter 2020 to 2021 lockdown. This is now having a minimal impact on the growth rates because the number of employees on furlough dropped from May 2021; however, some employees remained on the furlough scheme until it ended on 30 September 2021.

In real terms (adjusted for inflation), in August to October 2022, total pay fell by 2.7% on the year. A larger fall was last seen in February to April 2009, when it fell by 4.5% on the year. Regular pay fell by 2.7% on the year; this is slightly smaller than the record fall we saw in April to June 2022 (3.0%) but still remains among the largest falls we have seen since comparable records began in 2001.

Figure 3: Inflation has been increasing in recent months, causing real pay growth rates to decrease

Real average weekly earnings single-month annual growth rates in Great Britain, seasonally adjusted, and CPIH annual rate, January 2001 to October 2022

Figure 3: Inflation has been increasing in recent months, causing real pay growth rates to decrease

Real average weekly earnings single-month annual growth rates in Great Britain, seasonally adjusted, and CPIH annual rate, January 2001 to October 2022



Source: Office for National Statistics - Monthly Wages and Salaries Survey, Consumer price inflation

The increasing difference between nominal and real growth rates is because of increasing consumer price inflation, including owner occupiers' housing costs (CPIH). For the three months of August to October 2022, CPIH was an average of 9.0%. Figure 3 shows a comparison of monthly real total and regular pay growth rates and monthly inflation.

Our recommended measure of inflation is CPIH. However, we also publish <u>supplementary real earnings tables</u> using the Consumer Prices Index (CPI) excluding owner occupiers' housing costs. Using CPI real earnings, in August to October 2022, total pay fell by 3.9% on the year; a larger fall on the year was last seen in February to April 2009 when it fell by 4.5%. Regular pay fell by 3.9% on the year. This is slightly smaller than the record fall we saw in April to June 2022 (4.1%) but still remains among the largest falls we have seen since comparable records began in 2001.

The <u>Earnings and employment from Pay As You Earn Real Time Information</u>, <u>UK bulletin</u> also provides additional insights into the estimate of growth in median and mean pay, and the two data sources generally trend well for mean total pay. A more timely estimate of median pay is also provided but is subject to revisions.

Sector and industry

Figure 4: For the latest periods, outside of the height of the pandemic period, the difference in growth rates between the private and public sector is among the largest we have seen

Average weekly earnings annual growth rates for total pay (including bonuses) and regular pay by public and private sector in Great Britain, seasonally adjusted, January to March 2005 to August to October 2022

Figure 4: For the latest periods, outside of the height of the pandemic period, the difference in growth rates between the private and public sector is among the largest we have seen

Average weekly earnings annual growth rates for total pay (including bonuses) and regular pay by public and private sector in Great Britain, seasonally adjusted, January to March 2005 to August to October 2022



Source: Office for National Statistics – Monthly Wages and Salaries Survey

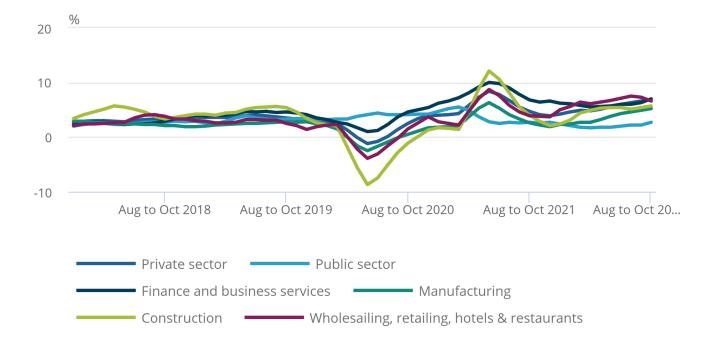
Average regular pay growth was 6.9% for the private sector in August to October 2022, and 2.7% for the public sector; this is the largest growth rate seen for the private sector outside the pandemic period. This is among the largest differences we have seen between the private sector and public sector outside of the height of the pandemic period (Figure 4).

Figure 5: In the latest period the finance and business services sector saw the largest regular growth rate

Average weekly earnings annual growth rates for regular pay by sector in Great Britain, seasonally adjusted, January to March 2018 to August to October 2022

Figure 5: In the latest period the finance and business services sector saw the largest regular growth rate

Average weekly earnings annual growth rates for regular pay by sector in Great Britain, seasonally adjusted, January to March 2018 to August to October 2022



Source: Office for National Statistics - Monthly Wages and Salaries Survey

In August to October 2022, the finance and business services sector saw the largest regular growth rate at 7.0%, followed by wholesaling, retailing, hotels and restaurants sector at 6.6% (Figure 5). The wholesaling, retailing, hotels and restaurants sector includes the accommodation and food industry, which had the highest proportion of employees on furlough during August to September 2021. Therefore, the growth rate of 5.2% for accommodation and food may still have a minimal base effect.

Interpreting average earnings – base and compositional effects

Interpreting average earnings data over the last year has been difficult. Our <u>How COVID-19 has impacted the Average Weekly Earnings data blog post</u> explains the complexities of interpreting these data. There were temporary factors that we refer to as base and compositional effects.

The base effect refers to comparing two periods with different circumstances. Throughout the coronavirus pandemic, different scenarios have affected the base effect. More information on base effects can be found in the May 2022 edition of this bulletin.

The compositional effect means pay growth has been affected by a changing composition of employee jobs, which during the coronavirus pandemic had increased average pay. It needs to be considered when interpreting average pay growth, as explained in Section 6: Measuring the data. The latest data show that the composition effect is now at more normal levels, and we are no longer seeing the excessive levels we saw during periods of the coronavirus pandemic in 2020 and 2021. Our <a href="How furlough and changes in the employee workforce have affected earnings growth during the coronavirus (COVID-19) pandemic, UK: 2020 to 2021 article looks in more detail at the impact of compositional effects on wage growth.

More about economy, business and jobs

- All ONS analysis, summarised in our economy, business and jobs roundup.
- Explore the latest trends in employment, prices and trade in our economic dashboard.
- View all economic data.

4. Average weekly earnings data

Average weekly earnings

Dataset EARN01 | Released 13 December 2022

Headline estimates of earnings growth in Great Britain (seasonally adjusted).

Average weekly earnings by sector

Dataset EARN02 | Released 13 December 2022

Estimates of earnings in Great Britain broken down to show the effects of changes in wages and the effects of changes in the composition of employment (not seasonally adjusted).

Average weekly earnings by industry

Dataset EARN03 | Released 13 December 2022

Estimates of earnings in Great Britain broken down by detailed industrial sector (not seasonally adjusted).

X09: Real Average weekly earnings using Consumer price inflation

Dataset X09 | Released 13 December 2022

Average weekly earnings for the whole economy, for both total and regular pay, in real terms (adjusted for consumer price inflation).

5. Glossary

Average Weekly Earnings (AWE)

<u>Average Weekly Earnings (AWE)</u> is the lead monthly measure of average weekly earnings per employee. It is calculated using information based on the Monthly Wages and Salaries Survey (MWSS), which samples around 9,000 employers in Great Britain.

The estimates are not just a measure of pay rises. They do not, for example, adjust for changes in the proportion of the workforce who work full time or part time, or other compositional changes within the workforce. The estimates do not include earnings of self-employed people.

Estimates are available for both total pay (which includes bonus payments) and regular pay (which excludes bonus payments). Estimates are available in both nominal terms (not adjusted for inflation) and real terms (adjusted for inflation).

Estimates of pay growth are also published using HM Revenue and Customs' (HMRC) data in the <u>Earnings and employment from Pay As You Earn Real Time Information</u>, <u>UK bulletin</u>.

The HMRC estimates are presented in median pay terms, but they also include mean pay, as does AWE. There are some differences between the sources, most notably that the HMRC estimates include any redundancy payments that are made through payroll. Further detail is provided in our <u>Comparison of labour market data</u> sources methodology.

Bonus

A bonus is a form of reward or recognition granted by an employer. When an employee receives a bonus payment, there is no expectation or assumption that the bonus will be used to cover any specific expense. The value and timing of a bonus payment can be at the discretion of the employer or stipulated in workplace agreements.

Consumer Prices Index including owner occupiers' housing costs

As of 21 March 2017, the <u>Consumer Prices Index including owner occupiers' housing costs (CPIH)</u> became our lead measure of inflation. It is our most comprehensive measure of UK consumer price inflation.

Monthly Wages and Salaries Survey

The Monthly Wages and Salaries Survey (MWSS) is a survey through which we collect information on wages and salaries. It is distributed monthly to around 9,000 employers, covering around 12.8 million employees.

A more detailed glossary is available.

6. Measuring the data

This section provides more detail around the methodology of the survey. Further information on this is available in our <u>Average weekly earnings quality and methodology information (QMI)</u>.

The survey response rate was 81%. This was slightly lower than the 83% target in the months prior to the coronavirus (COVID-19) pandemic.

Real earnings

The real Average Weekly Earnings (AWE) is calculated as the non-seasonally adjusted AWE (shown in our accompanying dataset EARN02) divided by the Consumer Prices Index including owner occupiers' housing costs (CPIH), which is our preferred measure of consumer price inflation (series identifier L522). The ratio is then referenced as an index with 2015 equals 100, and seasonally adjusted.

We also publish a dataset on real average weekly earnings, using Consumer Price Inflation (CPI) for the whole economy, for both total and regular pay (X09). Our recommended measure of consumer price inflation is CPIH, and our headline estimates using this measure are found in our <u>accompanying dataset EARN01</u>. These data have been compiled using the CPI as a supplementary dataset to view alongside the headline estimates produced using the CPIH.

Seasonal adjustment

Total pay, bonus pay and regular pay (excluding bonuses) for each sector (a total of 27 series) are seasonally adjusted using X13-ARIMA. Percentage changes are then derived from the seasonally adjusted average pay series.

Each of the 27 series is seasonally adjusted separately, to ensure the optimum seasonal adjustment of each series. The result of this is that relationships that hold in the unadjusted series do not necessarily hold for the seasonally adjusted series. For example, before seasonal adjustment, regular pay plus bonus pay equalled total pay, whereas after seasonal adjustment, they are not necessarily equal.

When there is an exceptionally large change in the series, this can lead to larger differences between regular pay plus bonus pay, and total pay. We saw this in March 2022, when there were very large bonus payments. Consequently, the direct seasonal adjustment method, which allows for evolving seasonality, caused a larger than normal difference. This is supported by other similar instances such as February 2007 and February 2008.

Compositional effect

Following the initial impact of the pandemic, the change in pay growth was heavily affected by a changing composition of employee jobs, where we saw a fall in the number and proportion of lower-paid employee jobs. This changing composition naturally increased average pay and should be kept in mind when interpreting average pay growth. Changes in the profile of employee jobs in the economy will affect average pay growth. A decrease in employee numbers in jobs that have lower pay can have an upward effect on average pay, and the other way around.

We recently published an article on <u>How furlough and changes in the employee workforce have affected earnings growth during the coronavirus (COVID-19) pandemic, UK: 2020 to 2021</u>. This article looks in more detail at the impact of compositional effects on wage growth.

More information on the compositional effect on the data is available in the <u>Measuring the data section of the May 2022 edition of this bulletin.</u>

Sampling variability for average weekly earnings single-month growth rates in percentage points is also available in the <u>April 2022 edition of this bulletin</u>.

More information on how labour market data sources are affected by the coronavirus pandemic and the challenges we have faced in producing estimates at this time can be found in our <u>Coronavirus and the effects on UK labour market statistics article</u>.

Our <u>Comparison of labour market data sources methodology</u> discusses some of the main differences between our data sources.

More information on measuring the data is available in the April 2022 edition of this bulletin.

Making our published spreadsheets accessible

Following the <u>Government Statistical Service (GSS)</u> guidance on releasing statistics in spreadsheets, we will be amending our published tables over the coming months to improve usability, accessibility and machine readability of our published statistics. To help users change to the new formats, we will be publishing sample versions of a selection of our tables. Where practical, we will initially publish the tables in both the new and current formats. If you have any questions or comments, please email <u>labour.market@ons.gov.uk</u>.

7. Strengths and limitations

Information on the strengths and limitations of this bulletin is available in:

- the April 2021 edition of this bulletin
- our A guide to labour market statistics methodology
- our Income and earnings statistics guide methodology
- the Government Statistical Service Income and earnings interactive dashboard

8. Related links

Employee earnings in the UK: 2022

Bulletin | Released 26 October 2022

Measures of employee earnings, using data from the Annual Survey for Hours and Earnings (ASHE).

Low and high pay in the UK: 2022

Bulletin | Released 26 October 2022

The distribution of hourly earnings of high-paid jobs, low-paid jobs and jobs paid below the National Minimum Wage.

Gender pay gap in the UK: 2022

Bulletin | Released 26 October 2022

Differences in pay between men and women by age, region, full time and part time, and occupation.

Comparison of labour market data sources

Methodology | Last revised 27 April 2022

The strengths and weaknesses of the main data sources we use to produce the labour market figures, including the advantages of new administrative data sources and limitations of some of our published figures.

Index of Labour Costs per Hour, UK: July to September 2020

Bulletin | Released 15 December 2020

Changes in the costs of employing labour, analysed by sector and industry. Experimental Statistics.

9. Cite this statistical bulletin

Office for National Statistics (ONS), released 13 December 2022, ONS website, statistical bulletin, <u>Average weekly earnings in Great Britain: December 2022</u>

Index of Tables

The table below provides an index of the tables appearing in this Statistical Bulletin and it shows how these table numbers match up with the Excel spreadsheet datasets which are available on the website at:

https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/bulletins/uklabourmarket/june2019/relateddata

The complete set of labour market tables is available from the Labour Market Overview bulletin.

Statistical Bulletin table number	Table description	Dataset
	SUMMARY	
1	Labour Force Survey Summary	Dataset A02 SA
2 (*)	Labour market status by age group	Dataset A05 SA
	EMPLOYMENT AND JOBS	
3	Full-time, part-time & temporary workers	Dataset EMP01 SA
4	Public and private sector employment	Dataset EMP02
4(1)	Public sector employment by industry	Dataset EMP03
5	Workforce jobs summary	Dataset JOBS01
6 (**)	Workforce jobs by industry	Dataset JOBS02
7	Actual weekly hours worked	Dataset HOUR01 SA
7(1)	Usual weekly hours worked	Dataset HOUR02 SA
	NON-UK WORKERS	
8	Employment by country of birth and nationality	Dataset EMP06
8(1)	Unemployment and economic inactivity by country of birth and nationality	Dataset A12
	UNEMPLOYMENT	
9	Unemployment by age and duration	Dataset UNEM01 SA
	ECONOMIC ACTIVITY AND INACTIVITY	
10(*)	Economic activity by age	Dataset A05 SA
11	Economic inactivity by reason	Dataset INAC01 SA
12	Labour market and educational status of young people	Dataset A06 SA
	EARNINGS	
13	Average Weekly Earnings (nominal) - Total pay	Dataset EARN01
14	Average Weekly Earnings (nominal) - Bonus pay	Dataset EARN01
15	Average Weekly Earnings (nominal) - Regular pay	Dataset EARN01
16	Average Weekly Earnings real and nominal (summary table)	Dataset EARN01
	INTERNATIONAL SUMMARY	
17	International comparisons of employment and unemployment	Dataset A10
	LABOUR DISPUTES	
18	Labour disputes	Dataset LABD01
	VACANCIES	
19	Vacancies by size of business	Dataset VACS03
20	Vacancies and unemployment	Dataset VACS01
21	Vacancies by industry	Dataset VACS02
	REDUNDANCIES	
22	Redundancies levels and rates	Dataset RED01 SA
	REGIONAL SUMMARY	
23	Regional labour market summary	Dataset A07

^(*) Tables 2 and 10 in the Statistical Bulletin pdf file have been amalgamated into one spreadsheet (Dataset A05 SA).

The following symbols are used in the tables: p provisional, r revised, .. Not available,* suppressed due to small sample size. The four-character identification codes appearing in the tables are the ONS references for the data series appearing in the Labour Market Statistics dataset which is available on the website at:

https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/datasets/labourmarketstatistics

^(**) Table JOBS02 provides more detail than Table 6 in the Statistical Bulletin pdf file.

EARNINGS

13 Average Weekly Earnings (nominal) - total pay¹

			trial Classification	(2007)				Gre	at Britain, seasor	ally adjusted	
			Whole Economy (100%) ²	·	·	Private sector (82%) ²			Public sector (18%) ²		
		Weekly	% changes ye	ear on year	Weekly	% changes ye	ear on year	Weekly	% changes ye	ear on year	
		Earnings (£)	Single month	3 month average ³	Earnings (£)	Single month	3 month average ³	Earnings (£)	Single month	3 month average ³	
		KAB9	KAC2	KAC3	KAC4	KAC5	KAC6	KAC7	KAC8	KAC9	
Oct 20		562	3.7	2.6	560	3.7	2.4	569	4.0	4.1	
Aug 21	(r)	582	5.8	7.3	584	6.5	8.3	582	2.9	2.7	
Sep 21	(r)	585	5.0	6.1	585	5.6	6.8	584	2.4	2.8	
Oct 21	(r)	588	4.7	5.2	589	5.1	5.7	585	2.7	2.7	
Nov 21		590	3.6	4.4 (r)	590	3.8	4.9 (r)	587	2.4	2.5 (r)	
Dec 21		600	5.8	4.7 (r)	602	6.6	5.2 (r)	589	2.5	2.5 (r)	
Jan 22		600	5.2	4.9	602	6.0	5.5	589	1.9	2.3	
Feb 22		601	5.8	5.6	604	6.8	6.5	590	1.3	1.9	
Mar 22		614	9.9	7.0	618	11.5	8.1	590	1.5	1.6	
Apr 22		604	5.0	6.9	607	5.8	8.0	590	1.6	1.5	
May 22		605	4.4	6.4	607	5.0	7.4	591	1.4	1.5	
Jun 22		612	6.3	5.2	617	7.3	6.0	594	2.3	1.8	
Jul 22		614	5.9	5.5	619	6.6	6.3	594	2.3	2.0	
Aug 22	(r)	618	6.1	6.1	623	6.7	6.9	598	2.7	2.4	
Sep 22	(r)	621	6.1	6.0	626	7.0	6.8	597	2.2	2.4	
Oct 22	(p)	624	6.0	6.1	628	6.7	6.8	607	3.8	2.9	

Services, SIC 2007 sections G-S (86%)²

Finance and business services, SIC 2007 sections K-N (22%)² Public sector excluding financial services (18%)²

		Services, Sic	, 2007 sections G	-5 (86%)	SIC 2007 Sections K-IN (22%)			(18%)			
		Weekly	% changes ye	ar on year	Weekly	% changes ye	ear on year	Weekly	% changes ye	ear on year	
		Earnings (£)	Single month	3 month average ³	Earnings (£)	Single month	3 month average ³	Earnings (£)	Single month	3 month average ³	
		K5BZ	K5C2	K5C3	K5C4	K5C5	K5C6	KAD8	KAD9	KAE2	
Oct 20		549	4.4	3.4	735	5.6	4.3	565	4.0	4.1	
Aug 21	(r)	572	6.0	7.1	784	8.6	11.1	578	3.0	2.9	
Sep 21	(r)	573	5.3	6.3	784	7.9	9.6	580	2.5	2.9	
Oct 21	(r)	576	5.0	5.4	791	7.6	8.0	581	2.8	2.8	
Nov 21		578	3.9	4.7 (r)	792	5.9	7.1	583	2.4	2.6	
Dec 21		591	6.5	5.1 (r)	839	13.6	9.0 (r)	585	2.6	2.6 (r)	
Jan 22		588	5.5	5.3	808	6.6	8.7	586	2.0	2.3	
Feb 22		589	6.2	6.1	807	10.6	10.2	587	1.4	2.0	
Mar 22		602	10.2	7.3	828	14.3	10.5	588	1.7	1.7	
Apr 22		594	4.9	7.1	814	6.6	10.4	586	1.4	1.5	
May 22		593	4.2	6.4	805	4.1	8.2	587	1.4	1.5	
Jun 22		598	6.9	5.3	832	9.0	6.5	589	1.8	1.5	
Jul 22		602	6.0	5.7	824	5.8	6.2	590	2.2	1.8	
Aug 22	(r)	607	6.2	6.4	833	6.3	7.0	594	2.7	2.2	
Sep 22	(r)	609	6.3	6.1	836	6.7	6.2	593	2.1	2.3	
Oct 22	(p)	612	6.2	6.2	838	6.0	6.3	604	3.9	2.9	

wholesaling, retailing, notels & restaurants,
SIC 2007 sections G & I (22%) ²

		Manufacturin	g, SIC 2007 section	on C (8%) ²	Construction, SIC 2007 section F (5%) ²			SIC 2007 sections G & I (22%) ²			
		Weekly	% changes ye	ear on year	Weekly	% changes ye	ear on year	Weekly	% changes ye	ear on year	
		Earnings (£)	Single month	3 month average ³	Earnings (£)	Single month	3 month average ³	Earnings (£)	Single month	3 month average ³	
		K5CA	K5CB	K5CC	K5CD	K5CE	K5CF	K5CG	K5CH	K5CI	
Oct 20		625	0.6	0.3	650	-0.1	-2.3	374	4.2	1.6	
Aug 21		639	3.2	5.5	680	7.2	9.6	385	5.4	7.8	
Sep 21	(r)	638	2.8	3.9	676	6.6	7.2	388	5.4	6.2	
Oct 21	(r)	642	2.7	2.9	675	3.9	5.9	390	4.2	5.0	
Nov 21		644	1.2	2.2	681	3.7	4.7 (r)	393	4.9	4.8 (r)	
Dec 21		655	4.1	2.7 (r)	679	0.2	2.5	393	4.8	4.6 (r)	
Jan 22		652	3.3	2.9	694	5.0	2.9	404	8.3	6.0	
Feb 22		645	1.8	3.1	693	6.3	3.8	396	6.3	6.5	
Mar 22		673	7.8	4.3	713	10.4	7.2	410	11.4	8.7	
Apr 22		656	3.7	4.4	701	5.7	7.4	407	8.4	8.7	
May 22		661	4.2	5.2	719	8.5	8.2	398	4.7	8.1	
Jun 22		664	4.2	4.0	705	4.5	6.2	420	9.9	7.6	
Jul 22		669	4.1	4.2	709	5.8	6.3	412	7.3	7.3	
Aug 22		672	5.1	4.5	712	4.6	5.0	414	7.6	8.3	
Sep 22	(r)	676	5.9	5.0	713	5.4	5.3	411	5.9	6.9	
Oct 22	(p)	675	5.2	5.4	716	6.1	5.4	412	5.6	6.4	

^{1.} Estimates of total pay include bonuses but exclude arrears of pay.

Source: Monthly Wages & Salaries Survey

^{2.} The figure in brackets is the percentage of whole economy employment in that sector or industry for the latest time period.

Earnings enquiries: 01633 456120 Email: earnings@ons.gov.uk

^{3.} The three month average figures are the changes in the average seasonally adjusted values for the three months ending with the relevant month compared with the same period a year earlier.

EARNINGS

14 Average Weekly Earnings (nominal) - bonus pay

			trial Classification Whole Economy	. (200.)		Private sector		Great Britain, seasonally adjusted Public sector			
			(100%) ¹			(82%) ¹			(18%) ¹		
		Weekly	% changes ye	ar on year	Weekly	% changes ye	ar on year	Weekly	% changes ye	ear on year	
		Earnings (£)	Single month	3 month average ²	Earnings (£)	Single month	3 month average ²	Earnings (£)	Single month	3 month average ²	
		KAF4	KAF5	KAF6	KAF7	KAF8	KAF9	KAG2	KAG3	KAG4	
Oct 20		34	6.3	-2.1	41	7.3	-0.7	2	53.0	2.8	
Aug 21	(r)	40	23.7	36.7	49	25.0	38.2	1	1.1	-8.5	
Sep 21	(r)	41	25.2	29.9	49	25.8	30.5	2	37.9	15.0	
Oct 21	(r)	42	24.3	24.4	51	23.9	24.9	2	-6.6	9.3	
Nov 21	.,	40	3.7	16.9 (r)	49	4.9	17.4 (r)	2	-66.3	-34.2	
Dec 21		47	34.6	20.1 (r)	56	34.8	20.4 (r)	2	-32.0	-44.5	
Jan 22		42	16.8	17.8	51	16.6	18.1	3	87.4	-33.7	
Feb 22		42	28.5	26.5	51	29.3	26.7	2	-52.6	-22.6	
Mar 22		45	45.0	29.4	54	45.2	29.6	2	-22.4	-19.3	
Apr 22		42	18.6	30.1	52	18.2	30.2	1	-32.2	-39.9	
May 22		37	-8.8	15.8	45	-7.7	16.2	2	-59.5	-43.0	
Jun 22		45	27.0	11.3	55	26.4	11.6	2	38.3	-32.4	
Jul 22		42	13.3	9.7	52	11.6	9.5	2	31.0	-18.2	
Aug 22	(r)	44	10.5	16.6	53	9.8	15.6	3	109.9	55.1	
Sep 22	(r)	43	5.5	9.7	52	5.5	8.9	5	102.1	80.5	
Oct 22	(p)	42	-0.5	5.1	51	-0.5	4.9	2	14.8	70.9	
					Finance	and business ser	vices,	Public sector	excluding financi	ial services	
			2007 sections G	G-S (86%) ¹		7 sections K-N (2	22%) ¹		(18%) ¹		
		Weekly	% changes ye	ar on year	Weekly	% changes ye	ar on year	Weekly	% changes ye	ear on year	
		Earnings (£)	Single	3 month	Earnings (£)	Single	3 month	Earnings (£)	Single	3 month	
			month	average ²		month	average ²		month	average ²	
		K5CS	K5CT	K5CU	K5CV	K5CW	K5CX	KAH3	KAH4	KAH5	
Oct 20		35	9.3	1.0	90	22.4	2.7	1	46.1	4.2	
Aug 21	(r)	41	23.8	34.8	100	30.4	43.1	1	-5.7	19.7	
Sep 21	(r)	41	21.2	28.1	103	30.0	37.7	1	12.6	7.8	
Oct 21	(r)	43	20.9	21.9	107	19.3	26.2	1	-8.4	-1.2	
Nov 21		42	2.7	14.3 (r)	106	-2.6	13.8 (r)	1	-66.3	-38.2	
Dec 21		49	37.2	19.5 (r)	136	57.3	22.5 (r)	1	-34.3	-45.0	
Jan 22		43	16.2	18.0	102	12.8	20.4	2	86.8	-35.3	
Feb 22		43	28.3	27.0	100	37.2	35.3	2	-75.0	-50.3	
Mar 22		45	44.9	29.0	105	42.7	29.6	1	-31.8	-50.3	
Apr 22		44	17.5	29.4	106	9.5	27.8	1	-30.4	-60.4	
May 22		36	-15.7	12.4	87	-19.8	6.9	1	-60.2	-44.6	
Jun 22		48	31.8	9.7	118	39.9	7.4	1	-13.0	-39.6	
Jul 22		44	13.3	8.4	106	10.2	7.6	2	35.1	-25.6	
Aug 22	(r)	45	9.6	17.7	105	4.8	17.2	2	118.9	34.0	
Sep 22	(r)	43	5.9	9.5	99	-3.8	3.6	2	91.8	78.4	
Oct 22	(p)	42	-1.0	4.8	95	-11.4	-3.6	2 Wholesaling r	18.7 etailing, hotels &	69.9	
			g, SIC 2007 secti	on C (8%) ¹		, SIC 2007 section	on F (5%) ¹	SIC 2007	7 sections G & I (
		Weekly	% changes ye	ar on year	Weekly	% changes ye	ar on year	Weekly	% changes ye	ear on year	
		Earnings (£)			Earnings (£)			Earnings (£)			
		Lamings (L)	Single month	3 month average ²	Lamings (2)	Single month	3 month average ²	Lairings (L)	Single month	3 month average ²	

		Manufacturin	g, SIC 2007 section	on C (8%) ¹	Construction, SIC 2007 section F (5%) ¹			SIC 2007 sections G & I (22%) ²			
		Weekly	% changes ye	ear on year	Weekly	% changes ye	ear on year	Weekly	% changes ye	ar on year	
		Earnings (£)	Single month	3 month average ²	Earnings (£)	Single month	3 month average ²	Earnings (£)	Single month	3 month average ²	
		K5D3	K5D4	K5D5	K5D6	K5D7	K5D8	K5D9	K5DA	K5DB	
Oct 20		18	-30.0	-14.0	27	-5.1	-21.7	23	11.9	0.6	
Aug 21	(r)	26	3.2	45.0	40	67.5	63.3	28	30.8	44.8	
Sep 21	(r)	22	-4.6	22.2	39	86.8	51.7	27	31.3	38.3	
Oct 21	(r)	28	49.6	13.3	36	31.4	59.4	26	12.6	24.4	
Nov 21		29	-19.8	1.3 (r)	41	34.5	47.4 (r)	28	20.5	21.1 (r)	
Dec 21		34	49.8	17.5 (r)	36	-10.4	15.1 (r)	27	20.4	17.8 (r)	
Jan 22		28	8.4	7.6	45	30.5	16.0	29	23.4	21.5	
Feb 22		25	-9.8	14.2	43	58.3	21.8	25	15.8	20.0	
Mar 22		36	45.0	13.6	49	78.1	53.6	33	58.6	31.9	
Apr 22		29	14.1	15.4	35	13.4	48.2	32	33.3	35.4	
May 22		30	18.8	25.8	52	83.9	56.6	21	-19.7	20.9	
Jun 22		29	2.7	11.5	39	-9.2	23.3	43	49.1	21.4	
Jul 22		34	-8.1	2.9	37	15.8	24.0	31	2.7	11.4	
Aug 22	(r)	32	25.4	4.8	43	6.7	3.3	28	3.0	18.3	
Sep 22	(r)	32	45.3	16.2	37	-5.0	5.2	27	-1.9	1.3	
Oct 22	(p)	23	-16.4	16.0	37	2.4	1.4	28	5.5	2.2	

Source: Monthly Wages & Salaries Survey

Earnings enquiries: 01633 456120

^{1.} The figure in brackets is the percentage of whole economy employment in that sector or industry for the latest time period.

Email: earnings@ons.gov.uk

^{2.} The three month average figures are the changes in the average seasonally adjusted values for the three months ending with the relevant month compared with the same period a year earlier.

EARNINGS 15 Average Weekly Earnings (nominal) - regular pay¹

Standard Industrial Classification (2007)

Great Britain, seasonally adjusted

		'	Whole Economy (100%) ²		Private sector (82%) ²			Public sector (18%) ²		
		Weekly	% changes ye	ar on year	Weekly	% changes ye	ear on year	Weekly	% changes ye	ear on year
		Earnings (£)	Single month	3 month average ³	Earnings (£)	Single month	3 month average ³	Earnings (£)	Single month	3 month average ³
		KAI7	KAI8	KAI9	KAJ2	KAJ3	KAJ4	KAJ5	KAJ6	KAJ7
Oct 20		528	3.6	2.8	518	3.4	2.5	567	3.9	4.1
Aug 21	(r)	544	5.0	6.0	536	5.4	6.7	580	3.0	2.7
Sep 21	(r)	546	4.1	5.0	537	4.4	5.5	582	2.4	2.7
Oct 21	(r)	547	3.7	4.3	539	4.0	4.6	583	2.8	2.7
Nov 21		550	3.5	3.8	541	3.7	4.0	585	2.6	2.6
Dec 21		553	3.7	3.6 (r)	545	3.9	3.9	586	2.6	2.7
Jan 22		556	4.3	3.8	549	5.0	4.2	588	1.8	2.4
Feb 22		557	4.2	4.1	550	4.8	4.6	589	1.8	2.1
Mar 22		559	4.3	4.2	553	4.9	4.9	589	1.8	1.8
Apr 22		562	4.0	4.2	556	4.7	4.8	589	1.6	1.7
May 22		567	5.0	4.4	562	5.8	5.1	590	1.9	1.8
Jun 22		569	5.1	4.7	564	5.9	5.5	590	1.9	1.8
Jul 22		572	5.5	5.2	568	6.3	6.0	591	2.2	2.0
Aug 22	(r)	576	5.8	5.5	571	6.6	6.3	594	2.4	2.2
Sep 22	(r)	579	6.0	5.8	575	7.0	6.6	593	2.0	2.2
Oct 22	(p)	583	6.4	6.1	577	7.0	6.9	605	3.8	2.7

Services, SIC 2007 sections G-S (86%)²

Finance and business services,

Public sector excluding financial services

 $(18\%)^2$ SIC 2007 sections K-N (22%)2 Weekly Weekly % changes year on year % changes year on year % changes year on year Earnings (£) Earnings (£) Earnings (£) Single 3 month Single 3 month Single month average³ month average³ month average3 K5DL K5DM K5DO K5DP KAK6 K5DN K5DQ KAK7 KAK8 Oct 20 514 4.2 3.5 648 4.8 4.6 564 4.0 4.1 Aug 21 531 5.2 6.2 688 7.3 9.0 577 3.0 2.9 Sep 21 533 4.4 5.2 685 6.2 7.7 579 2.5 2.9 Oct 21 535 4.1 4.6 689 6.4 6.6 580 2.9 2.8 Nov 21 537 3.8 4.1 692 6.2 6.3 582 2.6 27 Dec 21 540 4.2 4.0 (r) 700 6.9 6.5 (r) 583 2.7 2.7 (r) Jan 22 543 4.5 4.2 697 5.4 6.2 585 1.9 2.4 Feb 22 544 4.4 4.4 700 6.0 6.1 586 1.8 2.1 Mar 22 546 4.5 4.5 703 6.0 5.8 586 1.8 1.8 Apr 22 548 4.2 4.4 708 4.5 5.5 585 1.5 1.7 May 22 554 5.2 4.6 718 6.4 5.6 587 1.9 1.7 Jun 22 555 5.3 4.9 721 6.3 5.7 587 1.9 1.8 Jul 22 559 5.6 5.4 720 5.2 6.0 588 2.1 2.0 Aug 22 563 6.1 5.7 731 6.3 6.0 591 (r) 2.4 2.1 Sep 22 566 6.2 6.0 736 7.5 6.3 590 2.0 2.2 Oct 22 740 602

Manufacturing, SIC 2007 section C (8%) ²	
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1. Estimates of regular pay exclude bonuses and arrears of pay.

Wholesaling, retailing, hotels & restaurants,

		Manufacturin	g, SIC 2007 section	on C (8%) ²	Construction	Construction, SIC 2007 section F (5%) ²			SIC 2007 sections G & I (22%) ²			
		Weekly	% changes ye	ear on year	Weekly	% changes ye	ear on year	Weekly	% changes ye	ear on year		
		Earnings (£)	Single month	3 month average ³	Earnings (£)	Single month	3 month average ³	Earnings (£)	Single month	3 month average ³		
		K5DU	K5DV	K5DW	K5DX	K5DY	K5DZ	K5E2	K5E3	K5E4		
Oct 20		602	1.3	0.5	622	0.2	-1.1	351	3.7	1.5		
Aug 21	(r)	610	3.1	4.2	644	5.9	8.1	357	4.1	5.7		
Sep 21	(r)	612	2.8	3.3	638	3.4	5.6	361	4.2	4.6		
Oct 21	(r)	613	1.8	2.6	641	3.0	4.1	363	3.6	3.9		
Nov 21		616	2.0	2.2	640	2.3	2.9	365	3.9	3.9 (r)		
Dec 21		619	1.8	1.9	640	1.1	2.1	366	3.7	3.7		
Jan 22		623	3.2	2.3	652	3.8	2.4	373	7.3	5.0		
Feb 22		619	2.2	2.4	651	4.5	3.1	371	5.8	5.6		
Mar 22		623	2.7	2.7	656	4.9	4.4	373	6.0	6.4		
Apr 22		627	3.1	2.7	665	5.3	4.9	376	6.6	6.1		
May 22		632	3.8	3.2	669	5.6	5.3	378	6.6	6.4		
Jun 22		635	4.3	3.8	668	5.2	5.4	380	7.1	6.7		
Jul 22		637	4.7	4.3	672	5.4	5.4	383	7.7	7.1		
Aug 22		639	4.7	4.6	673 (r)	4.5	5.1	385	7.8	7.5		
Sep 22	(r)	644	5.2	4.9	677	6.2	5.4	384	6.3	7.3		
Oct 22	(p)	648	5.6	5.2	682	6.4	5.7	383	5.6	6.6		

Source: Monthly Wages & Salaries Survey Earnings enquiries: 01633 456120

Email: earnings@ons.gov.uk

^{2.} The figure in brackets is the percentage of whole economy employment in that sector or industry for the latest time period.

^{3.} The three month average figures are the changes in the average seasonally adjusted values for the three months ending with the relevant month compared with the same period a year earlier

EARNINGS

16 Average Weekly Earnings - real and nominal¹

Great Britain whole economy, seasonally adjusted

				Total pay (includ		cooriomy, scasona	ny adjusted
		Nominal Weekly Earnings (£) % changes year on year month Weekly Earnings at average² Weekly Earnings at constant 2015 prices (£) % change month KAB9 KAC2 KAC3 A3WX A3WV 562 3.7 2.6 517 3.1 582 5.8 7.3 522 2.7 585 5.0 6.1 521 2.0 588 4.7 5.2 522 0.8 590 3.6 4.4 (r) 520 -0.9 600 5.8 4.7 (r) 526 1.0 600 5.2 4.9 523 0.4 601 5.8 5.6 520 0.3 614 9.9 7.0 528 3.6 604 5.0 6.9 512 -2.5 605 4.4 6.4 507 -3.2 612 6.3 5.2 511 -1.7 614 5.9 5.5 509 -2.7 618	Real earnings ³				
			% changes ye	ear on year	Weekly	% changes yea	r on year
		,	•		constant 2015 prices	Single month	3 month average ²
		KAB9	KAC2	KAC3	A3WX	A3WV	A3WW
Oct 20		562	3.7	2.6	517	3.1	2.0
Aug 21		582	5.8	7.3	522	2.7 (r)	4.8
Sep 21	(r)	585	5.0	6.1	521	2.0	3.4
Oct 21	(r)	588	4.7	5.2	522	0.8	1.9
Nov 21		590	3.6	4.4 (r)	520	-0.9	0.6
Dec 21		600	5.8	4.7 (r)	526	1.0	0.3 (r)
Jan 22		600	5.2	4.9	523	0.4	0.2
Feb 22		601	5.8	5.6	520	0.3	0.6
Mar 22		614	9.9	7.0	528	3.6	1.4
Apr 22		604	5.0	6.9	512	-2.5	0.4
May 22		605	4.4	6.4	507	-3.2	-0.8
Jun 22		612	6.3	5.2	511	-1.7	-2.5
Jul 22		614	5.9	5.5	509	-2.7	-2.5
Aug 22		618	6.1	6.1	509	-2.5 (r)	-2.3
Sep 22	(r)	621	6.1	6.0	508	-2.6	-2.6
Oct 22	(p)	624	6.0	6.1	506	-3.0	-2.7

Regular pay (excluding bonuses)

		No	minal earnings			Real earnings ³		
		Nominal	% changes ye	ear on year	Weekly	% changes ye	ear on year	
		Weekly = Earnings (£)	Single month	3 month average ²	Earnings at constant 2015 prices (£)	Single month	3 month average ²	
		KAI7	KAI8	KAI9	A2FC	A2F9	A2FA	
Oct 20		528	3.6	2.8	484	2.8	2.1	
Aug 21	(r)	544	5.0	6.0	487	1.8	3.4	
Sep 21	(r)	546	4.1	5.0	486	1.1	2.2	
Oct 21	(r)	547	3.7	4.3	485	0.0	1.0	
Nov 21		550	3.5	3.8	483	-1.0	0.0	
Dec 21		553	3.7	3.6 (r)	483	-1.1	-0.7	
Jan 22		556	4.3	3.8	484	-0.6	-0.9	
Feb 22		557	4.2	4.1	482	-1.2	-1.0	
Mar 22		559	4.3	4.2	480	-1.9	-1.2	
Apr 22		562	4.0	4.2	474	-3.5	-2.2	
May 22		567	5.0	4.4	477	-2.6	-2.6	
Jun 22		569	5.1	4.7	475	-2.8	-3.0	
Jul 22		572	5.5	5.2	473	-3.0	-2.8	
Aug 22		576 (r)	5.8	5.5	474	-2.6	-2.8	
Sep 22	(r)	579	6.0	5.8	474	-2.5	-2.7	
Oct 22	(p)	583	6.4	6.1	471	-2.9	-2.7	

Source: Monthly Wages & Salaries Survey

Earnings enquiries: 01633 456120 Email: earnings@ons.gov.uk

^{1.} Estimates of total pay include bonuses but exclude arrears of pay.

^{2.} The three month average figures are the changes in the average seasonally adjusted values for the three months ending with the relevant month compared with the same period a year earlier.

^{3.} Estimates of real earnings are calculated by deflating the nominal earnings estimates by the Consumer Prices Index including owner occupiers' housing costs (CPIH), our preferred measure of consumer price inflation.