

Statistical bulletin

Index of Private Housing Rental Prices, Great Britain: November 2017

An experimental price index tracking the prices paid for renting property from private landlords in Great Britain.

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1 . Main points

- Private rental prices paid by tenants in Great Britain rose by 1.4% in the 12 months to November 2017; this is down from 1.5% in October 2017.
- In England, private rental prices grew by 1.4%, Wales also saw growth of 1.4% while Scotland saw rental prices increase by 0.2% in the 12 months to November 2017.
- London private rental prices grew by 0.6% in the 12 months to November 2017, that is, 0.8 percentage points below the Great Britain 12-month growth rate.

2 . Things you need to know about this release

On 15 June 2017, the [National Statistician announced](#) that pre-release access to Office for National Statistics publications would stop with effect from 1 July 2017. Ministers and other officials no longer receive access to the information prior to publication.

The Index of Private Housing Rental Prices (IPHRP) measures the change in price of renting residential property from private landlords. The index is published as a series of price indices covering Great Britain, its constituent countries and the English regions. All data presented are non-seasonally adjusted.

IPHRP measures the change in price tenants face when renting residential property from private landlords, thereby allowing a comparison between the prices tenants are charged in the current month as opposed to the same month in the previous year. The index does not measure the change in newly advertised rental prices only, but reflects price changes for all private rental properties.

The IPHRP is constructed using administrative data. That is, the index makes use of data that are already collected for other purposes in order to estimate rental prices. The sources of private rental prices are [Valuation Office Agency](#) (VOA), [Scottish Government](#) (SG) and [Welsh Government](#) (WG). All three organisations deploy rental officers to collect the price paid for privately rented properties. The sources of [expenditure weights](#) are the [Department for Communities and Local Government](#) (DCLG), Scottish Government, Welsh Government and the VOA.

IPHRP is released as an [Experimental Statistic](#). While the [methodology](#) (PDF, 2.42MB) for IPHRP is final, Northern Ireland is currently excluded from the price index. We are working with [Northern Ireland Housing Executive](#) to secure private rental data for Northern Ireland. Once the coverage of IPHRP has been improved to that of the UK, the IPHRP will be assessed against the [Code of Practice for Official Statistics](#) to achieve [National Statistics](#) status.

3 . Growth in Great Britain private rental prices continues to slow

Growth in private rental prices paid by tenants in Great Britain has seen signs of a slowdown since the end of 2015, increasing by 1.4% in the 12 months to November 2017. For example, a property that was rented for £500 per month in November 2016, which saw its rent increase by the average rate in Great Britain, would be rented for £507 in November 2017. This slowdown in the growth in private rental prices in Great Britain is driven mainly by a slowdown in London over the same period.

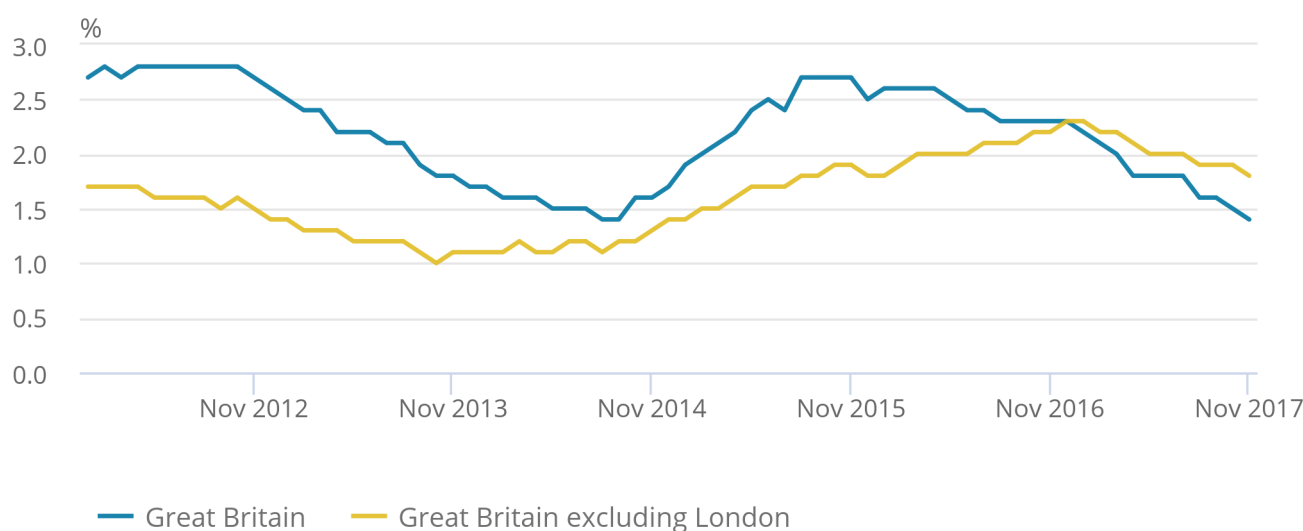
The 12-month growth rate of private rental prices paid by tenants in Great Britain in November 2017 was 1.4%, down from 1.5% in October 2017. Rental prices for Great Britain excluding London increased by 1.8% in the 12 months to November 2017, down from 1.9% in October 2017 (Figure 1). The growth rate for London (0.6%) in the 12 months to November 2017 was 0.8 percentage points below that of Great Britain. This is the lowest annual growth in London since October 2010.

Figure 1: Index of Private Housing Rental Prices percentage change over 12 months, Great Britain, January 2012 to November 2017

12-month percentage change

Figure 1: Index of Private Housing Rental Prices percentage change over 12 months, Great Britain, January 2012 to November 2017

12-month percentage change



Source: Office for National Statistics

The [Royal Institute of Chartered Surveyors \(RICS\) October 2017 Residential Market Survey](#) reported tenant demand was little changed during the three months to October (on a seasonally adjusted basis). It further reported that rental growth projections are modestly positive for the next three months ahead. The [Association of Residential Letting Agents \(ARLA\)](#) report in their [Private Rented Sector Report](#) for October 2017 that supply of rental stock and demand from prospective tenants was down during the month.

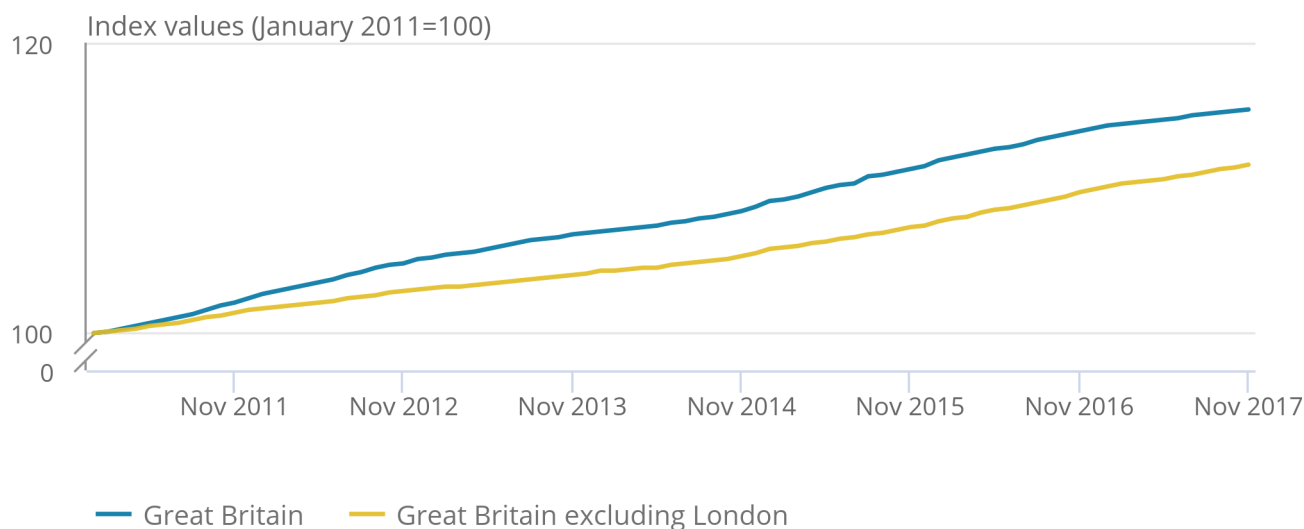
Between January 2011 and November 2017, private rental prices in Great Britain increased by 15.4% (Figure 2); this was strongly driven by the historical growth in private rental prices within London. However, when London is excluded from these figures, private rental prices increased by 11.6% over the same period.

Figure 2: Index of Private Housing Rental Prices indices, Great Britain, January 2011 to November 2017

Index values

Figure 2: Index of Private Housing Rental Prices indices, Great Britain, January 2011 to November 2017

Index values



Source: Office for National Statistics

4 . Growth in England continues to slow

The annual rate of change for Wales (1.4%) in November 2017 is the same as the annual rate of change for England and Great Britain (both 1.4%). Wales has shown a broad increase in its annual growth rate since July 2016 (Figure 3). The annual growth rate for England is the lowest since September 2014, when it was also 1.4%.

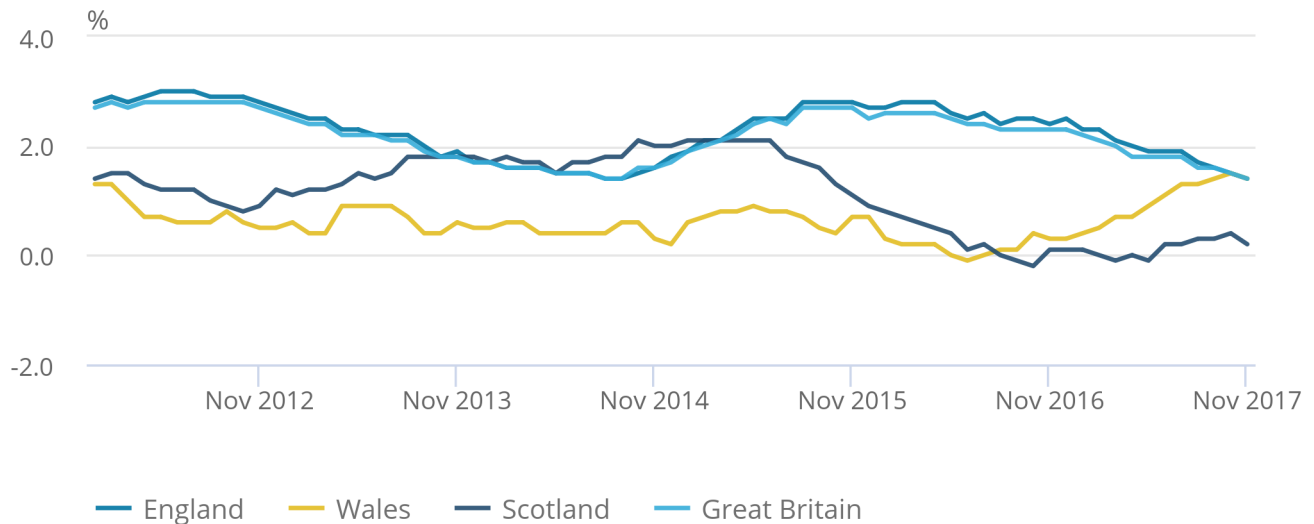
Rental growth in Scotland increased by 0.2% in the 12 months to November 2017, down from 0.4% in October 2017. This weaker growth may be due to stronger supply and weaker demand in Scotland as reported by the [Association of Residential Letting Agents](#) (ARLA).

Figure 3: Index of Private Housing Rental Prices percentage change over 12 months for Great Britain and its constituent countries, January 2012 to November 2017

12-month percentage change

Figure 3: Index of Private Housing Rental Prices percentage change over 12 months for Great Britain and its constituent countries, January 2012 to November 2017

12-month percentage change



Source: Office for National Statistics

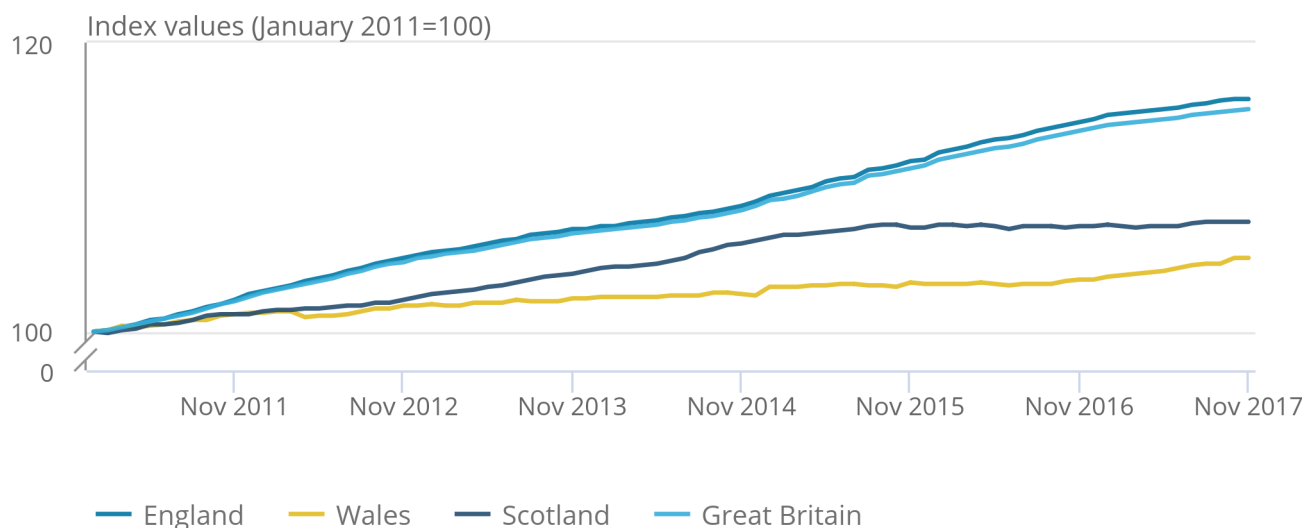
All the countries that constitute Great Britain have experienced rises in their private rental prices since 2011 (Figure 4). Since January 2011, rental prices in England have increased more than those in Wales and Scotland.

Figure 4: Index of Private Housing Rental Prices indices for Great Britain and its constituent countries, January 2011 to November 2017

Index values

Figure 4: Index of Private Housing Rental Prices indices for Great Britain and its constituent countries, January 2011 to November 2017

Index values



Source: Office for National Statistics

5 . Growth in private rental prices in London continues to slow

Growth in private rental prices in London was 0.6% in the 12 months to November 2017, down from 0.8% in October 2017. The Royal Institute of Chartered Surveyors (RICS) reported in their [October 2017 Residential Market Survey](#) that London remains the only area in which 12-month rental growth projections are negative, with tenant demand still lacking momentum in the capital.

Focusing on the English regions, the largest annual rental price increases were in the East Midlands (2.7%), down from 2.9% in October 2017 (Figure 5). This was followed by the South East (2.3%), down from 2.4% in October 2017, the East of England (2.1%), unchanged from October 2017 and the South West (2.1%), also unchanged from October 2017.

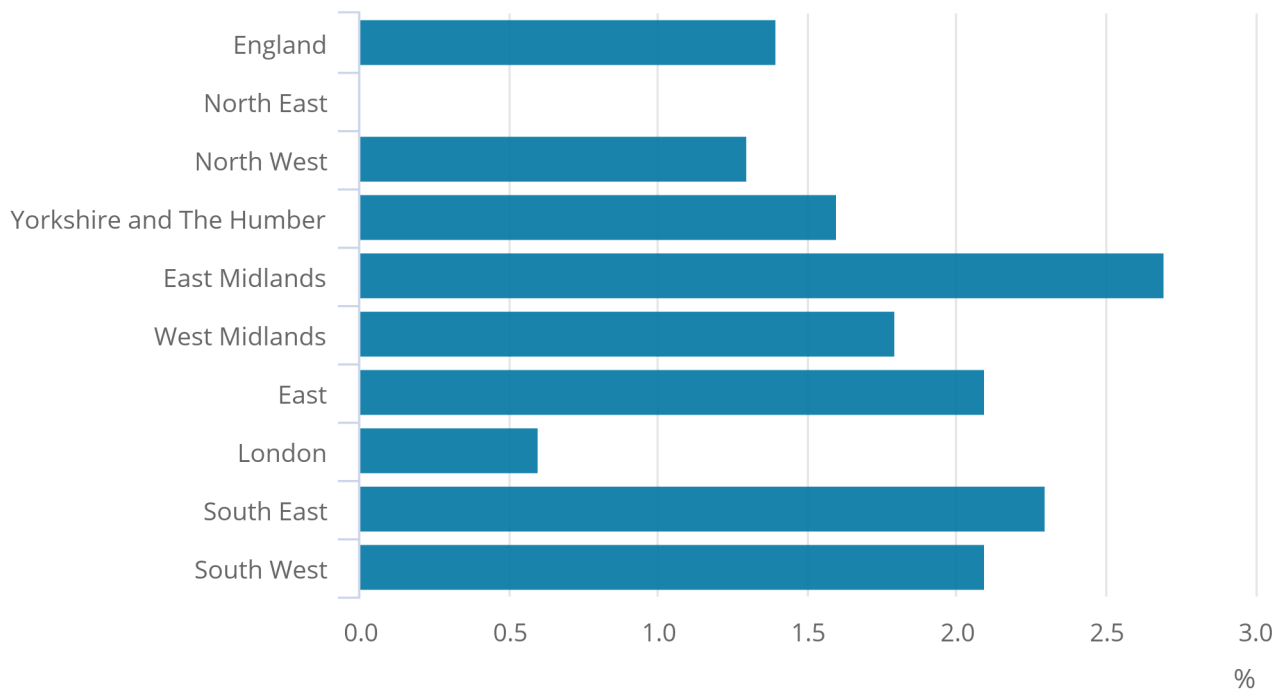
The lowest annual rental price increases were in the North East (0.0%), down from 0.2% in October 2017, London (0.6%), down from 0.8% in October 2017, the North West (1.3%), unchanged from October 2017, Yorkshire and The Humber (1.6%), down from 1.7% in October 2017 and the West Midlands (1.8%), up from 1.7% in October 2017.

Figure 5: Index of Private Housing Rental Prices percentage change over the 12 months to November 2017 by English region

12-month percentage change

Figure 5: Index of Private Housing Rental Prices percentage change over the 12 months to November 2017 by English region

12-month percentage change



Source: Office for National Statistics

Figure 6 shows the historical 12-month percentage growth rate in the rental prices of each of the English regions.

Figure 6: Index of Private Housing Rental Prices percentage change over 12 months by English region, January 2007 to November 2017

12-month percentage change



6 . Links to related statistics

There are a number of other statistics available for rental and housing prices.

[Valuation Office Agency](#) (VOA) publishes [private rental market statistics](#). These cover the average prices paid for renting private housing in England to the level of region and local authority. The composition of the sample used for this publication varies over time and therefore makes it hard to produce reliable comparisons over different time periods. For an evaluation of our rental price indices and the growth in average private rental prices published by VOA, please see the article [Explaining private rental growth](#) (PDF, 446KB).

[Department for Communities and Local Government](#) (DCLG) publishes [social rent statistics](#). These cover average prices paid for renting both local authority and private registered provider (housing association) properties in England. These are collected from the continuous recordings of lettings and sales in social housing (CORE) and are available at regional and local authority level.

[Scottish Government](#) publishes [social rent statistics for Scotland](#). These cover the average weekly rents paid for local authority and registered social landlords, and are available at area level. [Private Sector Rent Statistics](#) are also published annually, which cover the average price paid for renting private housing in Scotland.

[Welsh Government](#) publishes [social rent statistics for Wales](#). These cover the average weekly rents paid for local authority and registered social landlords, and are available at area level. [Private Sector Rents](#) are also published on an annual basis, which cover the average price paid for renting private housing in Wales.

[Northern Ireland Housing Executive](#) publishes a bi-annual Summary Research Report on the [Performance of the rental market in Northern Ireland](#). This report analyses trends in the private rental sector at district council level during a six-month period.

In addition to government sources, a number of private companies such as [Countrywide](#), [Homelet](#) and [LSL Property Services](#) produce statistics on the private rental market. These are predominantly flow measures of private rents, whereas the Index of Private Housing Rental Prices (IPHRP) is a stock measure. More information on how these compare with IPHRP can be found in the article [Comparing measures of private rental growth in the UK](#).

The [UK House Price Index](#) publishes average house prices and associated growth rate statistics to the level of region and local authority. Residential house price growth in Great Britain has typically been stronger than rental price growth for a number of years, with an average 12-month rate of house price inflation between January 2013 and October 2017 of 5.7%, compared with 2.1% for rental prices.

7 . Quality and methodology

Details of the [methodology used to calculate the Index of Private Housing Rental Prices \(IPHRP\)](#) can be found in the July 2013 IPHRP article but this article requires some updating. In March 2015, methodological improvements were implemented to improve the matching of properties over time; this ensures that we are comparing “like with like”. These [methodological improvements](#) were presented in the January 2015 article.

In September 2015, we published an evaluation of our rental price indices against the growth in average private rental prices published by Valuation Office Agency (VOA); please see the article [Explaining private rental growth](#) (PDF, 446KB) for more information.

1 Experimental Index of Private Housing Rental Prices - Index levels

Not seasonally adjusted

Index level (January 2011 = 100)

		Countries				Regions											
		K03000001	E92000001	W92000004	S92000003	E12000001	E12000002	E12000003	E12000004	E12000005	E12000006	E12000007	E12000008	E12000009			
		Great Britain	England	Wales	Scotland	North East	North West	Yorkshire and The Humber	East Midlands	West Midlands	East	London	South East	South West	GB excluding London	England excluding London	
2011	Jan	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	Feb	100.1	100.1	100.1	99.9	100.1	100.0	100.0	100.0	100.0	100.3	100.3	100.1	100.0	100.1	100.1	
	Mar	100.3	100.3	100.4	100.1	100.1	100.1	100.1	100.0	100.1	100.4	100.6	100.3	100.2	100.2	100.2	
	Apr	100.5	100.5	100.3	100.2	100.2	100.2	100.0	100.2	100.2	100.5	100.9	100.6	100.3	100.3	100.4	
	May	100.7	100.8	100.4	100.5	100.4	100.4	100.2	100.3	100.3	100.6	101.2	100.8	100.4	100.5	100.5	
	Jun	100.9	100.9	100.5	100.5	100.4	100.4	100.2	100.3	100.3	100.7	101.5	101.0	100.6	100.6	100.6	
	Jul	101.1	101.2	100.7	100.6	100.5	100.5	100.2	100.5	100.5	100.8	101.9	101.2	100.7	100.7	100.7	
	Aug	101.3	101.4	100.8	100.8	100.9	100.6	100.3	100.6	100.7	101.0	102.4	101.3	100.9	100.9	100.9	
	Sep	101.6	101.7	100.8	101.1	101.1	100.8	100.4	100.7	100.8	101.1	102.8	101.5	101.2	101.1	101.1	
	Oct	101.9	101.9	101.1	101.2	101.4	100.9	100.5	100.9	101.0	101.3	103.2	101.7	101.3	101.2	101.2	
	Nov	102.1	102.2	101.2	101.2	101.3	101.0	100.6	101.0	101.1	101.4	103.7	102.0	101.6	101.4	101.4	
	Dec	102.4	102.6	101.3	101.2	101.3	101.0	100.8	101.2	101.2	101.7	104.3	102.3	101.8	101.6	101.6	
2012	Jan	102.7	102.8	101.3	101.4	101.4	101.1	100.8	101.6	101.3	101.7	104.9	102.4	101.9	101.7	101.7	
	Feb	102.9	103.0	101.4	101.5	101.4	101.2	100.9	101.6	101.4	102.0	105.2	102.7	102.1	101.8	101.9	
	Mar	103.1	103.2	101.4	101.5	101.3	101.3	100.9	101.6	101.4	102.0	105.4	102.9	102.1	101.9	101.9	
	Apr	103.3	103.5	101.0	101.6	101.4	101.4	100.9	101.8	101.5	102.3	106.1	103.1	102.1	102.0	102.1	
	May	103.5	103.7	101.1	101.6	101.2	101.4	101.0	102.0	101.6	102.5	106.5	103.3	102.3	102.1	102.2	
	Jun	103.7	103.9	101.1	101.7	101.2	101.4	101.1	102.1	101.7	102.5	106.9	103.5	102.4	102.2	102.3	
	Jul	104.0	104.2	101.2	101.8	101.3	101.5	101.2	102.3	101.8	102.8	107.3	103.6	102.6	102.4	102.5	
	Aug	104.2	104.4	101.4	101.8	101.3	101.6	101.4	102.3	101.7	102.9	107.6	103.8	102.9	102.5	102.6	
	Sep	104.5	104.7	101.6	102.0	101.3	101.6	101.6	102.5	102.0	102.9	108.3	104.0	103.1	102.6	102.7	
	Oct	104.7	104.9	101.6	102.0	101.4	101.7	101.8	102.6	102.2	102.9	108.6	104.2	103.4	102.8	102.9	
	Nov	104.8	105.1	101.8	102.2	101.6	101.7	101.8	102.7	102.3	103.1	108.9	104.3	103.4	102.9	103.0	
	Dec	105.1	105.3	101.8	102.4	101.7	101.8	101.9	102.8	102.5	103.2	109.3	104.5	103.5	103.0	103.1	
2013	Jan	105.2	105.5	101.9	102.6	101.8	101.8	102.0	102.9	102.6	103.4	109.6	104.6	103.6	103.1	103.2	
	Feb	105.4	105.6	101.8	102.7	101.8	101.8	102.0	103.0	102.7	103.4	109.9	104.7	103.7	103.2	103.3	
	Mar	105.5	105.7	101.8	102.8	101.7	101.7	102.0	102.9	102.7	103.6	110.2	104.9	103.7	103.2	103.3	
	Apr	105.6	105.9	102.0	102.9	101.8	101.8	102.0	103.1	102.7	103.6	110.5	105.0	103.7	103.3	103.4	
	May	105.8	106.1	102.0	103.1	101.8	101.8	102.1	103.1	102.7	103.5	111.0	105.1	103.9	103.4	103.5	
	Jun	106.0	106.3	102.0	103.2	101.9	101.8	102.2	103.0	102.8	103.5	111.2	105.2	104.1	103.5	103.6	
	Jul	106.2	106.4	102.2	103.4	102.0	101.9	102.2	103.2	102.9	103.6	111.5	105.4	104.2	103.6	103.7	
	Aug	106.4	106.7	102.1	103.6	102.1	101.9	102.3	103.3	102.8	103.7	111.9	105.5	104.4	103.7	103.8	
	Sep	106.5	106.8	102.1	103.8	102.1	102.0	102.4	103.5	102.9	103.8	112.1	105.7	104.5	103.8	103.9	
	Oct	106.6	106.9	102.1	103.9	102.2	102.1	102.5	103.5	102.9	103.8	112.2	105.8	104.6	103.9	103.9	
	Nov	106.8	107.1	102.3	104.0	102.1	102.1	102.5	103.8	103.0	103.9	112.5	105.9	104.8	104.0	104.1	
	Dec	106.9	107.1	102.3	104.2	102.1	102.1	102.6	103.9	103.4	104.0	112.5	106.2	104.9	104.1	104.2	
2014	Jan	107.0	107.3	102.4	104.4	102.1	102.1	102.7	104.0	103.7	104.2	112.7	106.4	105.0	104.3	104.4	
	Feb	107.1	107.3	102.4	104.5	102.2	102.1	102.7	104.0	103.7	104.3	112.7	106.6	105.0	104.3	104.4	
	Mar	107.2	107.5	102.4	104.5	102.2	102.2	102.7	104.2	103.8	104.4	112.9	106.7	105.1	104.4	104.5	
	Apr	107.3	107.6	102.4	104.6	102.1	102.2	102.7	104.3	104.0	104.5	113.1	106.8	105.3	104.5	104.6	
	May	107.4	107.7	102.4	104.7	102.1	102.2	102.6	104.3	104.0	104.4	113.4	106.9	105.3	104.5	104.6	
	Jun	107.6	107.9	102.5	104.9	102.2	102.3	102.6	104.7	104.1	104.6	113.6	107.0	105.4	104.7	104.7	
	Jul	107.7	108.0	102.5	105.1	102.3	102.3	102.7	104.5	104.2	104.8	113.9	107.2	105.7	104.8	104.9	
	Aug	107.9	108.2	102.5	105.5	102.3	102.4	102.8	104.5	104.1	104.8	114.0	107.3	105.8	104.9	104.9	
	Sep	108.0	108.3	102.7	105.7	102.3	102.4	102.9	104.6	104.2	105.0	114.3	107.5	105.9	105.0	105.0	
	Oct	108.2	108.5	102.7	106.0	102.4	102.5	102.8	104.8	104.3	105.1	114.6	107.6	106.0	105.1	105.1	
	Nov	108.4	108.7	102.6	106.1	102.4	102.6	102.9	105.0	104.6	105.4	114.9	108.0	106.2	105.3	105.4	
	Dec	108.7	109.0	102.5	106.3	102.4	102.6	103.1	105.1	104.8	105.8	115.3	108.3	106.4	105.5	105.6	
2015	Jan	109.1	109.4	103.1	106.5	102.4	102.7	103.1	105.3	105.0	106.1	115.8	108.7	106.7	105.8	105.8	
	Feb	109.2	109.6	103.1	106.7	102.5	102.7	103.1	105.4	105.1	106.3	116.1	108.9	106.8	105.9	105.9	
	Mar	109.4	109.8	103.1	106.7	102.6	102.7	103.1	105.4	105.2	106.5	116.5	109.1	106.9	106.0	106.0	
	Apr	109.7	110.0	103.2	106.8	102.6	102.8	103.2	105.9	105.3	106.7	116.9	109.3	107.1	106.2	106.3	
	May	110.0	110.4	103.2	106.9	102.7	102.8	103.3	106.1	105.6	107.0	117.6	109.5	107.3	106.3	106.4	
	Jun	110.2	110.6	103.3	107.0	102.8	102.9	103.3	106.2	105.8	107.4	117.9	109.7	107.3	106.5	106.6	
	Jul	110.3	110.7	103.3	107.1	102.8	102.9	103.5	106.3	106.0	107.5	118.1	109.8	107.3	106.6	106.7	
	Aug	110.8	111.2	103.2	107.3	102.9	103.2	103.7	106.5	106.1	107.6	118.9	110.1	107.7	106.8	106.9	
	Sep	110.9	111.3	103.2	107.4	102.8	103.2	103.7	106.7	106.2	107.8	119.0	110.4	107.7	106.9	107.0	
	Oct	111.1	111.5	103.1	107.4	102.9	103.3	103.8	107.0	106.3	108.1	119.3	110.6	107.9	107.1	107.2	
	Nov	111.3	111.8	103.4	107.2	103.0	103.6	103.9	107.3	106.5	108.5	119.6	111.0	108.1	107.3	107.5	
	Dec	111.5	111.9	103.3	107.2	103.1	103.6	103.9	107.4	106.6	108.8	119.7	111.4	107.9	107.4	107.6	
2016	Jan	111.9	112.4	103.3	107.4	103.3	103.7	104.3	107.7	106.8	109.2	120.4	111.8	108.1	107.7	107.9	
	Feb	112.1	112.6	103.3	107.4	103.4	103.8	104.4	107.9	106.9	109.5	120.6	112.1	108.3	107.9	108.1	
	Mar	112.3	112.8	103.3	107.3	103.4	103.9	104.4	108.3	107.2	109.6	120.9	112.3	108.7	108.0	108.3	
	Apr	112.5	113.1	103.4	107.4	103.4	103.9	104.5	108.6	107.3	110.0	121.3	112.7	108.8	108.3	108.6	
	May	112.7	113.3	103.3	107.3	103.5	104.1	104.6	108.6	107.4	110.4	121.4	113.2	108.9	108.5	108.8	
	Jun	112.8	113.4	103.2	107.1	103.6	104.0	104.6	108.7	107.5	110.6	121.5	113.4	109.1	108.6	108.	

2 Experimental Index of Private Housing Rental Prices - 12 month price change

Not seasonally adjusted

	Countries				Regions										GB excluding London		England excluding London	
	K03000001	E92000001	W92000004	S92000003	E12000001	E12000002	E12000003	E12000004	E12000005	E12000006	E12000007	E12000008	E12000009					
	Great Britain	England	Wales	Scotland	North East	North West	Yorkshire and The Humber	East Midlands	West Midlands	East	London	South East	South West					
Percentage change on a year earlier																		
2011	Jan	-	1.3	0.4	-	0.6	1.2	1.2	-0.2	0.6	0.8	2.0	1.5	0.5	-	0.9		
	Feb	-	1.6	0.6	-	0.8	1.2	1.2	0.1	0.7	1.2	2.3	2.1	0.8	-	1.2		
	Mar	-	1.8	0.9	-	0.9	1.3	1.2	0.2	0.8	1.3	2.7	2.3	1.1	-	1.4		
	Apr	-	2.1	1.0	-	0.9	1.4	1.1	0.5	0.9	1.5	3.2	2.4	1.4	-	1.5		
	May	-	2.2	1.0	-	1.1	1.4	1.3	0.7	1.0	1.8	3.4	2.6	1.4	-	1.6		
	Jun	-	2.4	1.3	-	1.2	1.4	1.2	0.7	1.0	1.7	3.7	2.6	1.6	-	1.7		
	Jul	-	2.5	1.3	-	1.2	1.4	1.1	0.9	1.2	1.7	3.9	2.8	1.6	-	1.8		
	Aug	-	2.6	1.4	-	1.5	1.4	1.1	0.9	1.2	1.8	4.2	2.6	1.6	-	1.7		
	Sep	-	2.8	1.3	-	1.7	1.5	1.1	1.1	1.3	1.8	4.4	2.9	1.7	-	1.9		
	Oct	-	2.8	1.5	-	1.8	1.4	1.0	1.3	1.3	1.9	4.6	2.8	1.7	-	1.9		
	Nov	-	2.9	1.5	-	1.6	1.2	1.1	1.3	1.3	1.8	4.7	2.9	1.9	-	1.9		
	Dec	-	3.0	1.5	-	1.3	1.2	1.1	1.2	1.3	1.8	4.9	3.0	2.0	-	1.9		
2012	Jan	2.7	2.8	1.3	1.4	1.4	1.1	0.8	1.6	1.3	1.7	4.9	2.4	1.9	1.7	1.7		
	Feb	2.8	2.9	1.3	1.5	1.2	1.2	0.9	1.6	1.4	1.6	4.9	2.6	2.1	1.7	1.8		
	Mar	2.7	2.8	1.0	1.5	1.2	1.2	0.8	1.6	1.3	1.7	4.9	2.5	1.9	1.7	1.7		
	Apr	2.8	2.9	0.7	1.3	1.2	1.1	0.9	1.6	1.3	1.8	5.2	2.5	1.8	1.7	1.7		
	May	2.8	3.0	0.7	1.2	0.8	1.0	0.8	1.8	1.3	1.8	5.2	2.5	1.9	1.6	1.7		
	Jun	2.8	3.0	0.6	1.2	0.8	1.0	0.9	1.7	1.3	1.8	5.3	2.5	1.8	1.6	1.7		
	Jul	2.8	3.0	0.6	1.2	0.8	1.0	1.0	1.8	1.3	1.9	5.3	2.4	1.9	1.6	1.7		
	Aug	2.8	2.9	0.6	1.0	0.4	0.9	1.1	1.7	1.1	1.9	5.1	2.5	2.0	1.6	1.7		
	Sep	2.8	2.9	0.8	0.9	0.2	0.8	1.1	1.7	1.1	1.8	5.3	2.4	1.9	1.5	1.6		
	Oct	2.8	2.9	0.6	0.8	0.0	0.7	1.3	1.8	1.2	1.6	5.2	2.5	2.0	1.6	1.7		
	Nov	2.7	2.8	0.5	0.9	0.3	0.7	1.2	1.7	1.2	1.7	5.0	2.3	1.7	1.5	1.6		
	Dec	2.6	2.7	0.5	1.2	0.4	0.7	1.1	1.6	1.3	1.5	4.8	2.2	1.6	1.4	1.5		
2013	Jan	2.5	2.6	0.6	1.1	0.3	0.7	1.2	1.4	1.3	1.6	4.6	2.1	1.7	1.4	1.5		
	Feb	2.4	2.5	0.4	1.2	0.4	0.5	1.2	1.3	1.3	1.4	4.5	2.0	1.6	1.3	1.4		
	Mar	2.4	2.5	0.4	1.2	0.4	0.5	1.1	1.2	1.3	1.5	4.5	1.9	1.5	1.3	1.4		
	Apr	2.2	2.3	0.9	1.3	0.4	0.4	1.1	1.2	1.3	1.3	4.2	1.9	1.6	1.3	1.3		
	May	2.2	2.3	0.9	1.5	0.6	0.4	1.1	1.1	1.1	1.0	4.2	1.7	1.6	1.2	1.2		
	Jun	2.2	2.2	0.9	1.4	0.6	0.4	1.2	1.0	1.1	1.0	4.1	1.7	1.6	1.2	1.2		
	Jul	2.1	2.2	0.9	1.5	0.7	0.4	1.0	0.9	1.0	0.8	4.0	1.7	1.6	1.2	1.2		
	Aug	2.1	2.2	0.7	1.8	0.7	0.4	1.0	1.0	1.1	0.8	4.0	1.7	1.5	1.2	1.1		
	Sep	1.9	2.0	0.4	1.8	0.7	0.4	0.8	1.0	0.9	0.8	3.5	1.6	1.3	1.1	1.1		
	Oct	1.8	1.8	0.4	1.8	0.8	0.4	0.6	0.8	0.7	0.8	3.3	1.6	1.2	1.0	1.0		
	Nov	1.8	1.9	0.6	1.8	0.5	0.4	0.7	1.1	0.7	0.8	3.4	1.5	1.4	1.1	1.0		
	Dec	1.7	1.7	0.5	1.8	0.4	0.3	0.7	1.1	0.9	0.8	3.0	1.5	1.4	1.1	1.0		
2014	Jan	1.7	1.7	0.5	1.7	0.3	0.4	0.7	1.0	1.0	0.8	2.8	1.8	1.3	1.1	1.1		
	Feb	1.6	1.6	0.6	1.8	0.4	0.4	0.6	1.0	1.0	0.9	2.5	1.8	1.3	1.1	1.1		
	Mar	1.6	1.6	0.6	1.7	0.4	0.4	0.7	1.3	1.1	0.8	2.5	1.7	1.4	1.2	1.1		
	Apr	1.6	1.6	0.4	1.7	0.3	0.4	0.7	1.2	1.2	0.9	2.4	1.7	1.5	1.1	1.1		
	May	1.5	1.5	0.4	1.5	0.3	0.4	0.4	1.2	1.2	0.9	2.2	1.7	1.4	1.1	1.1		
	Jun	1.5	1.5	0.4	1.7	0.4	0.5	0.4	1.6	1.2	1.0	2.1	1.7	1.3	1.2	1.1		
	Jul	1.5	1.5	0.4	1.7	0.3	0.4	0.5	1.2	1.3	1.1	2.1	1.7	1.4	1.2	1.2		
	Aug	1.4	1.4	0.4	1.8	0.2	0.4	0.5	1.1	1.2	1.1	1.9	1.7	1.3	1.1	1.1		
	Sep	1.4	1.4	0.6	1.8	0.3	0.4	0.5	1.1	1.3	1.1	2.0	1.7	1.3	1.2	1.1		
	Oct	1.6	1.5	0.6	2.1	0.2	0.4	0.3	1.2	1.4	1.3	2.2	1.7	1.3	1.2	1.2		
	Nov	1.6	1.6	0.3	2.0	0.3	0.4	0.4	1.1	1.5	1.5	2.1	1.9	1.3	1.3	1.3		
	Dec	1.7	1.8	0.2	2.0	0.3	0.5	0.5	1.1	1.3	1.8	2.4	2.1	1.5	1.4	1.3		
2015	Jan	1.9	1.9	0.6	2.1	0.3	0.6	0.4	1.2	1.2	1.8	2.8	2.1	1.6	1.4	1.4		
	Feb	2.0	2.1	0.7	2.1	0.3	0.6	0.4	1.3	1.3	1.9	3.0	2.2	1.7	1.5	1.4		
	Mar	2.1	2.1	0.8	2.1	0.4	0.6	0.4	1.2	1.3	1.9	3.2	2.3	1.7	1.5	1.5		
	Apr	2.2	2.3	0.8	2.1	0.5	0.6	0.5	1.5	1.3	2.1	3.3	2.4	1.8	1.6	1.6		
	May	2.4	2.5	0.9	2.1	0.6	0.6	0.7	1.7	1.6	2.4	3.7	2.4	1.9	1.7	1.7		
	Jun	2.5	2.5	0.8	2.1	0.5	0.5	0.7	1.4	1.7	2.6	3.8	2.5	1.8	1.7	1.7		
	Jul	2.4	2.5	0.8	1.8	0.5	0.6	0.8	1.7	1.7	2.6	3.7	2.4	1.6	1.7	1.7		
	Aug	2.7	2.8	0.7	1.7	0.6	0.8	0.9	1.9	1.9	2.7	4.3	2.6	1.8	1.8	1.9		
	Sep	2.7	2.8	0.5	1.6	0.5	0.7	0.9	2.1	1.9	2.7	4.1	2.7	1.8	1.8	1.9		
	Oct	2.7	2.8	0.4	1.3	0.5	0.8	1.0	2.1	1.9	2.9	4.1	2.8	1.7	1.9	2.0		
	Nov	2.7	2.8	0.7	1.1	0.6	1.0	0.9	2.2	1.8	3.0	4.1	2.7	1.8	1.9	2.0		
	Dec	2.5	2.7	0.7	0.9	0.6	1.0	0.8	2.2	1.8	2.8	3.9	2.8	1.4	1.8	1.9		
2016	Jan	2.6	2.7	0.3	0.8	0.9	1.0	1.2	2.3	1.8	2.9	3.9	2.9	1.3	1.8	2.0		
	Feb	2.6	2.8	0.2	0.7	0.9	1.0	1.3	2.4	1.8	3.0	3.8	2.9	1.4	1.9	2.1		
	Mar	2.6	2.8	0.2	0.6	0.8	1.1	1.2	2.7	1.9	3.0	3.7	2.9	1.7	2.0	2.1		
	Apr	2.6	2.8	0.2	0.5	0.8	1.1	1.3	2.6	1.9	3.0	3.7	3.1	1.5	2.0	2.2		
	May	2.5	2.6	0.0	0.4	0.8	1.2	1.2	2.4	1.7	3.2	3.3	3.4	1.5	2.0	2.3		
	Jun	2.4	2.5	-0.1	0.1	0.8	1.2	1.3	2.4	1.6	3.1	3.0	3.4	1.7	2.0	2.2		
	Jul	2.4	2.6	0.0	0.2	0.9	1.2	1.3	2.5	1.5	3.1	3.0	3.5	1.8	2.1	2.3		
	Aug	2.3	2.4	0.1	0.0	0.9	1.1	1.3	2.4	1.8	3.3	2.6	3.4	2.0	2.1	2.3		
	Sep	2.3	2.5	0.1	-0.1	1.0	1.3	1.5	2.3	1.9	3.0	2.7	3.5	2.2	2.1	2.4		
	Oct	2.3	2.5	0.4	-0.2	1.1	1.3	1.5	2.4	2.1	3.2	2.6	3.4	2.4	2.2	2.5		
	Nov	2.3	2.4	0.3	0.1	1.1	1.1	1.6	2.5	2.2	3.1	2.4	3.4	2.4	2.2	2.5		
	Dec	2.3	2.5	0.3	0.1	1.1	1.2	1.8	2.7	2.2	3.0	2.4	3.4	2.9	2.3	2.6		
2017	Jan	2.2	2.3	0.4	0.1	0.9	1.2	1.5	2.8	2.2	3.0	2.1	3.3	2.8	2.3	2.5		
	Feb	2.1	2.3	0.5	0.0	0.9	1.2	1.5	2.8	2.2	2.8	1.9	3.3	2.7	2.2	2.5		
	Mar	2.0	2.1	0.7	-0.1	0.7	1.3	1.6	2.5	2.0	2.8	1.6	3.4	2.5	2.2	2.4		
	Apr	1.8	2.0	0.7	0.0	0.7	1.3	1.7	2.3	2.2	2.7	1.4	3.1	2.5	2.1	2.4		
	May	1.8	1.9	0.9	-0.1	0.6	1.3	1.7	2.5	2.1	2.3	1.3	2.8	2.5	2.0	2.2		
	Jun	1.8	1.9	1.1	0.2	0.5	1.5	1.7	2.6	2.2	2.3	1.3	2.8	2.4	2.0	2.2		
	Jul	1.8	1.9	1.3	0.2	0.5	1.4	1.6	2.8	2.2	2.3	1.5	2.6	2.5	2.0	2.2		
	Aug	1.6	1.7	1.3	0.3	0.4	1.4	1.7	2.8	2.0	2.1	1.2	2.6	2.1	1.9	2.1		
	Sep	1.6	1.6	1.4	0.3	0.4	1.3	1.6	2.9	1.9	2.4	0.9	2.5	2.1	1.9	2.1		
	Oct	1.5	1.5	1.5	0.4	0.2	1.3	1.7	2.9	1.7	2.1	0.8	2.4	2.1	1.9	2.0		
	Nov	1.4	1.4	1.4	0.2	0.0	1.3	1.6	2.7	1.8	2.1	0.6	2.3	2.1	1.8	1.9		
	Dec	1.4	1.4	1.4	0.2	0.0	1.3	1.6	2.7									