Market Update

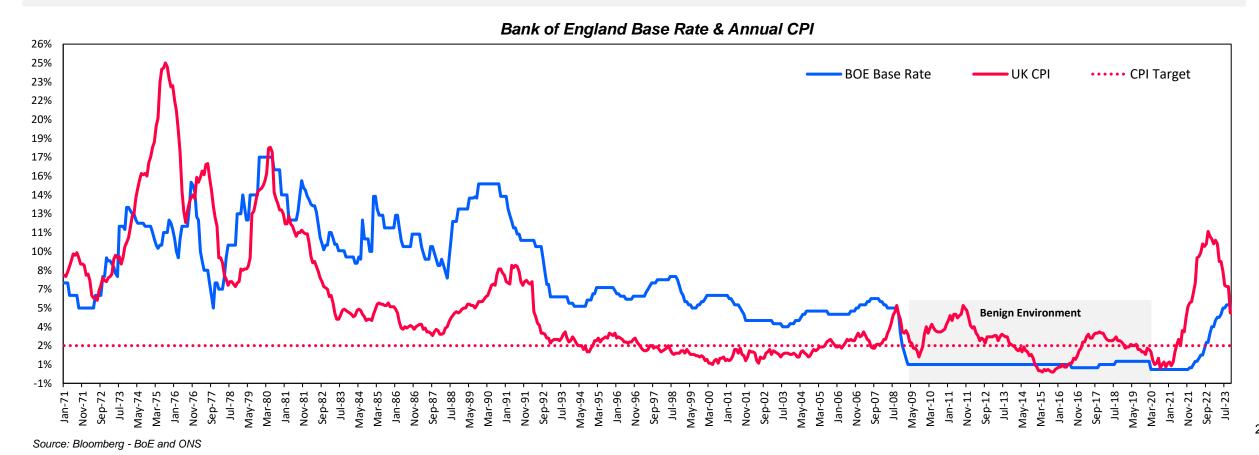
November 2023



UK CPI & Interest Rates Where have we been?



- Last year inflation in the UK spiked to levels not seen since the late '80s, however the most recent **October print** has shown **inflation has fallen** at the steepest pace in over 30 years **to 4.6%**
- This spike in CPI prompted the Bank of England to raise the base rate 14 times since December 2021, to 5.25%, not seen since the GFC in 2008; however, the last MPC meeting saw a pause in the rate hiking cycle
- Although in recent times this rate seems high, in the years since 2009 there has been a relatively benign economic environment, until now; and if we look back at history, the current Base Rate is in line with prints before 2008 and still much lower than in the early 90s and in the 80s rates may never be as low as they have been in the last 15 years, especially in current lifetimes

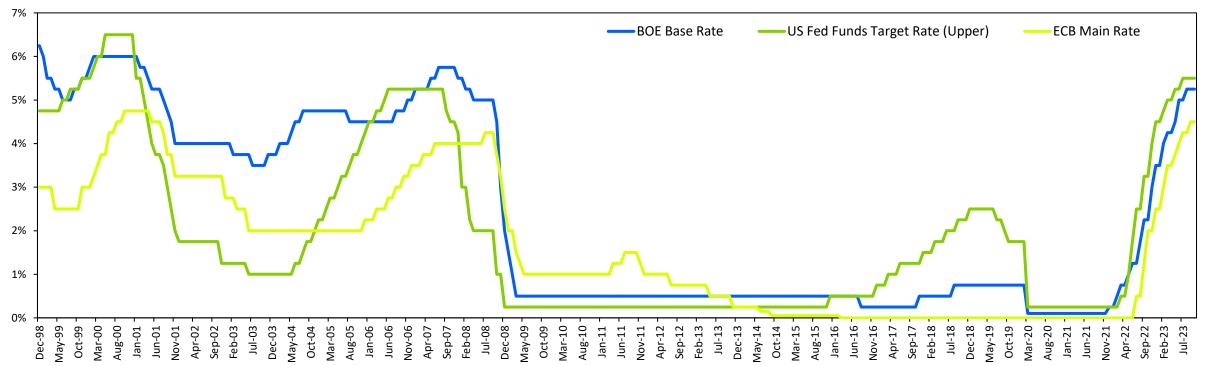


World Key Interest Rates How do we compare?



- Interest rates are high across the world, with the key upper rates from the Fed and the ECB at 5.5% and 4.5% respectively
- In the UK, new borrowers have been hit by higher mortgage rates but, so have those that already own a home that have had to remortgage; meaning the pain has been spread more evenly between buyers and existing owners and the housing market, even though subdued, keeps on moving
- Due to the US having only 30-year fixed rate mortgages, new borrowers are hit with high rates, however those that own their own homes are insulated from rate
 rises and are therefore less likely to sell in this environment; this is also causing a shortage of houses in the US and driving up prices, which are up 40% over the
 past 3 years. There has also been a massive decline in mortgage refinancing as customers have no incentive to lose their low rate mortgages
- In the EU the story is not much better, with many EU countries dealing with the common challenge of providing affordable and accessible housing for their citizens



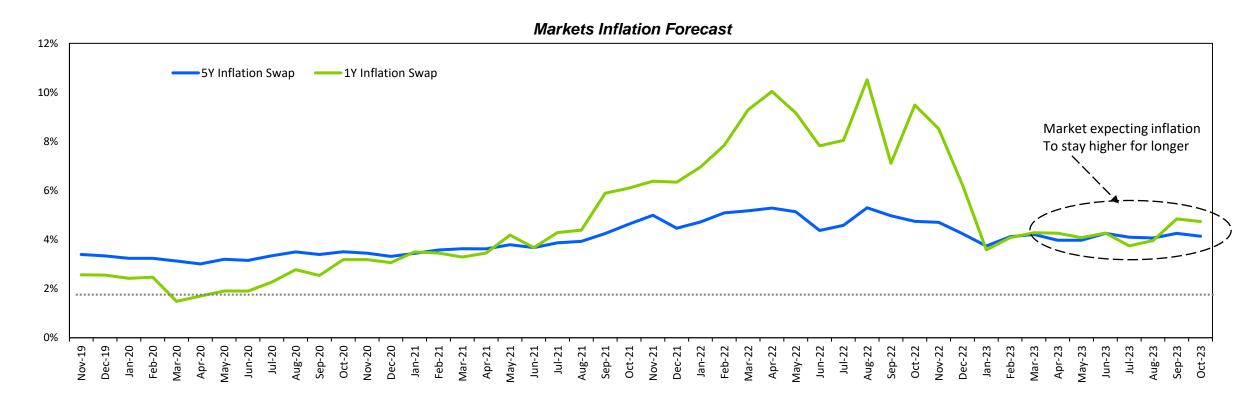


Source: Bloomberg

Inflation & Rates Where do we go from here?



- The below graph shows 1-year and 5-year inflation swaps; a derivative used to transfer inflation risk from one party to another
- This provides a good indication of where the market believes inflation will be in 1- and 5-years' time; i.e. currently just over 4%
- Although inflation fell sharply in October, this was largely due to lower energy prices; however, core prices were up 0.1% MoM and services inflation fell only by 0.3% MoM (softer than expected)
- With energy prices set to rise again, although more modestly than we have seen previously, inflation remains sticky and therefore rates are likely to hold until
 inflation returns to the 2% target rate



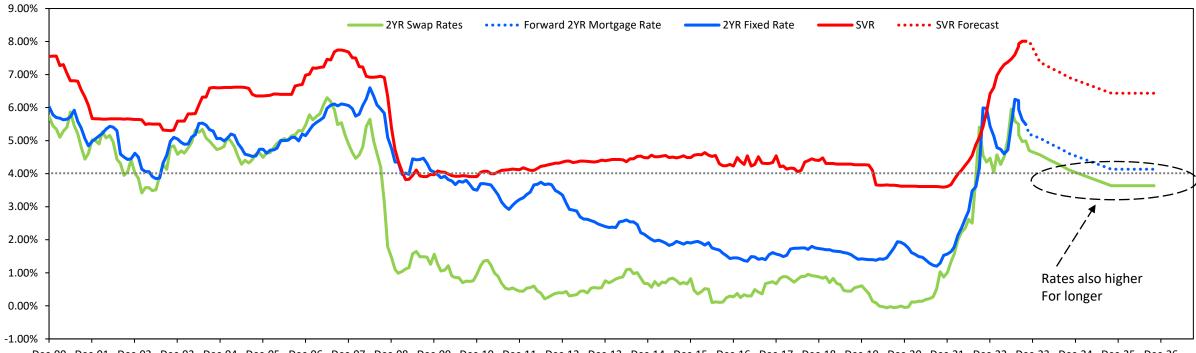
Source: Bloomberg

Mortgage Rates Where Next?



- With inflation and the BoE Base Rate expected to remain higher for longer, what does this suggest for mortgage rates?
- Mortgage rates have been exceptionally low for the last 15 years; however, these are not the norm mortgage rates before the financial crisis were between 4-6%
- Using forward swap rates, we can come up with a forecast for future mortgage rates if we assume:
 - 2yr fixed rates continue to track 2 year swaps
 - SVRs track BBR+3%
- Using this logic, the 2-year mortgage rate is anticipated to fall slowly over the next 2 years but stabilize around 4.% by 2026

SVR & 2-Year Fixed Rate Forecast



Dec-00 Dec-01 Dec-02 Dec-03 Dec-04 Dec-05 Dec-06 Dec-07 Dec-08 Dec-09 Dec-10 Dec-11 Dec-12 Dec-13 Dec-14 Dec-15 Dec-16 Dec-17 Dec-18 Dec-19 Dec-20 Dec-21 Dec-22 Dec-23 Dec-24 Dec-25 Dec-26

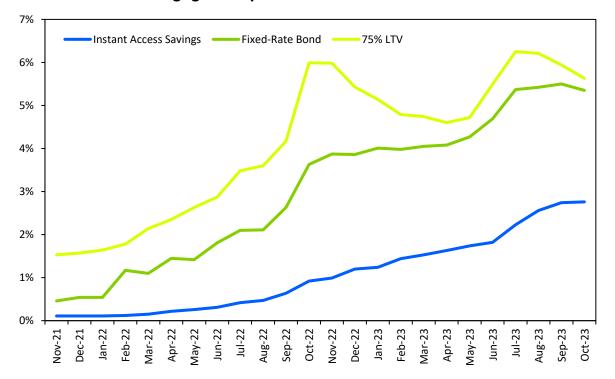
Source: Bloomberg

Bank Margins What is the difference between lending and funding?

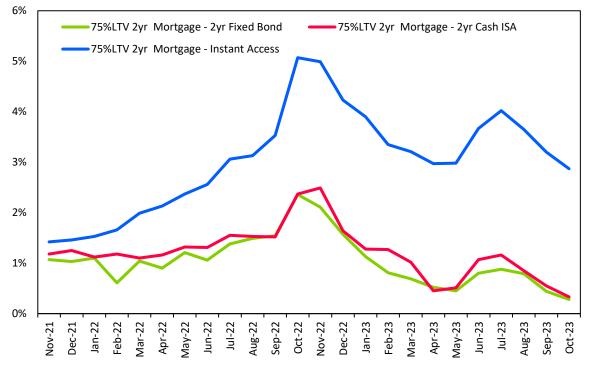


- There have been a lot of headlines and news articles recently about how lenders have been quick to increase mortgage rates and slow to increase deposit rates
- Bank profitability is driven by the difference in lending rates and cost of funds, which for most is a function of retail deposit rates
- It is important for Banks to balance the interests of savers with mortgage borrowers
- Since last years Autumn Budget, where the country experienced huge volatility, margins have been compressing and for a 2-year fixed bond or 2-year Cash ISA vs a
 2-year fixed 75% LTV mortgage profitability is next to nothing

Mortgage & Deposit Rates Have All Increased



The Margin Between Mortgages & Deposits Has Shrunk

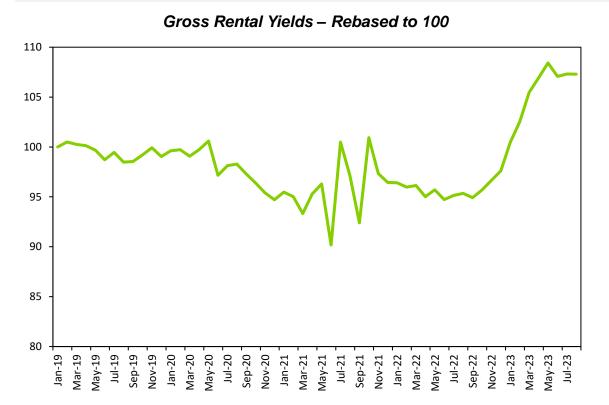


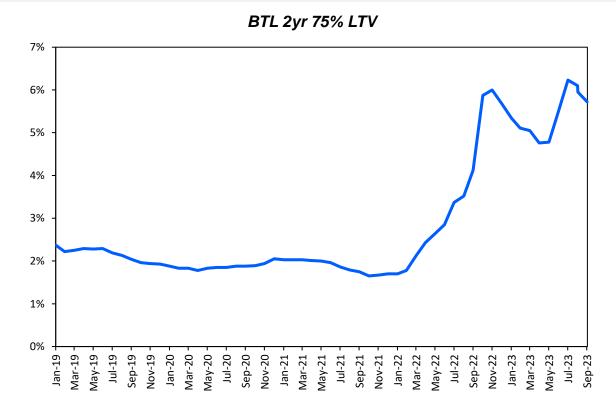
Source: BoE

Buy to Let Still a good investment?



- Changes over the years in BTL regulation (3% stamp duty surcharge, reduction in mortgage interest relief, capital gains tax reductions etc.) have meant changes in the type of landlords and how they operate
- Due to the changes mentioned above, there has been a steady **increase in Portfolio landlords** and **Limited Co. landlords**; these landlords also better placed as they are able to manage and rebalance increased rates across their portfolio
- Higher mortgage rates have meant landlords have had to increase rental charges, with average rents for new rental properties 10.5% higher in the 12 months to September (according to Zoopla's latest Rental Market Report)
- However strong pay growth has supported this, with some landlords able to pass on the higher costs; those that have been unable to have likely had to leave the
 market, with the BTL market overall shrinking since the start of 2022



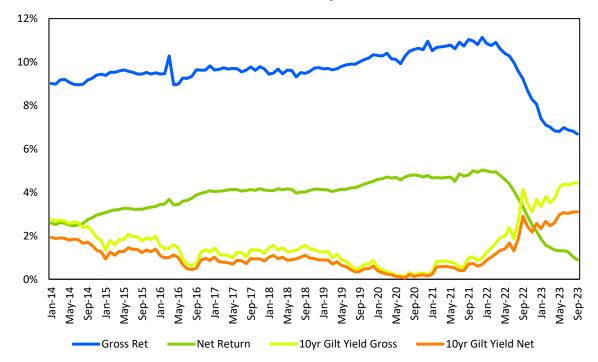


Buy to Let Still a good investment?

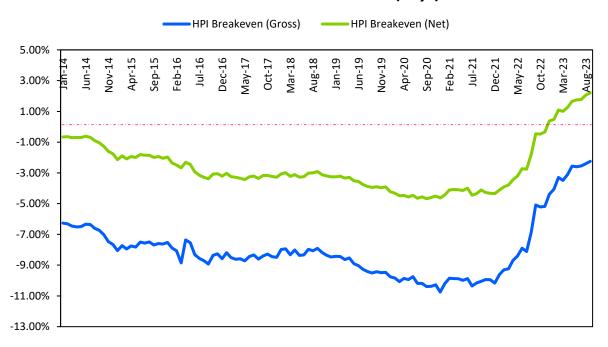


- For a long time the yield for a new BTL investor (with a mortgage) was far in excess of the risk-free government bond yield (LHS) even when taking into account 10% costs and 30% tax on both
- Buy to let had a further advantage of a positive outlook for capital appreciation and a rental income that was loosely linked to inflation
- However, that started to change in mid 2022 as mortgage rates and gilt yields started to increase; on a net basis the BTL return is heading for zero if we don't include capital appreciation
- The chart on the RHS shows the capital appreciation (per annum) that is required on the BTL property to give a better return than the risk-free government bond. That has finally turned positive, i.e. for the typical investor buying a BTL property with a mortgage (or refinancing) the HPI must be 2% per annum (or 22% cumulative) over the next 10 years

Levered BTL Returns vs UK 10yr Government Bonds



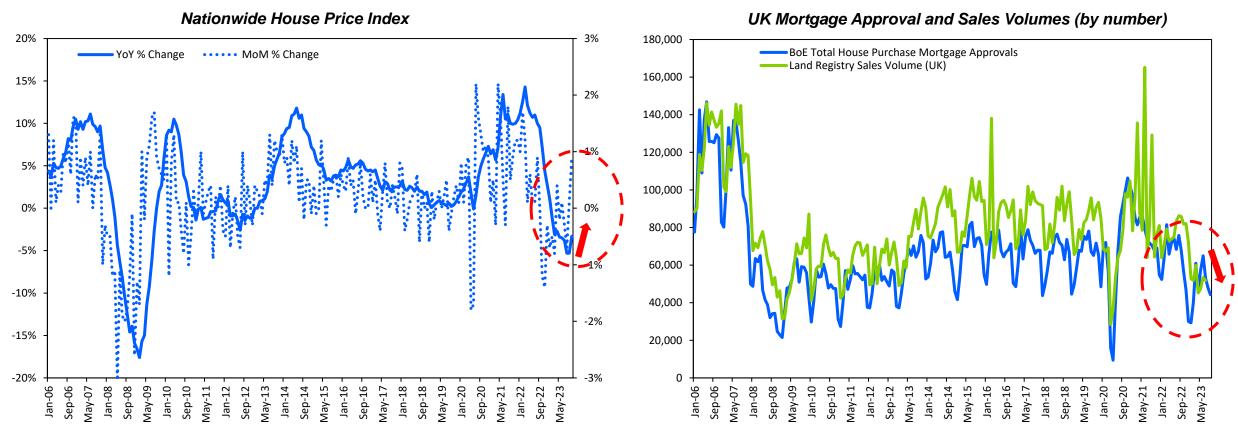
Annual House Price Change Needed to Give the Same Return on BTL as Government Bonds (10yr)



House Prices Which direction?



- The Nationwide House Price Index saw the start of a recovery with a 0.9% rise in house prices in October
- Although the mortgage market remains weak, with net house purchase mortgage approvals falling to a 7-month low of 44k in September, down from 48k in August and 53k in July
- Therefore, the question remains whether this is a real recovery or is a result of lower available housing supply, with sellers less inclined to sell in a high rate / lower house price market. BTL is less attractive compared to other asset classes so this could reduce demand / increase supply



Source: Nationwide Building Society

The Autumn Statement Key Housing Sector Takeaways



- ✓ Infrastructure projects and planning applications to meet guaranteed faster timelines
- ✓ £110m invested in the next 2 years to deliver high quality "nutrient mitigation schemes" unlocking 40k homes
- √ £32m to "bust the planning backlog and develop fantastic new housing quarters in Cambridge, London and Leeds, which will lead to many thousands of additional dwellings"
- √£450m to local authority housing fund to deliver 2,400 homes
- ✓ Mr Hunt also promised a consultation into new permitted development rights, which would allow any house to be converted into 2 flats as long as the exterior remains unaffected
- ✓ Increase the local housing allowance to the 30th percentile of local market rents providing 1.6 million households an average £800 additional support next year

