

The New Housing Paradigm

Residential forecasts – West Midlands

UK Residential Research | March 2018



The New Housing

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A range of factors are colluding to deliver more moderate UK house price growth over the next five to ten years. However, and despite the intrusion of Brexit, we believe this transition will provide a more stable and healthy UK housing market. This new housing paradigm should be embraced and welcomed.

It is good for government, the economy, buyers, sellers and industry participants. But it also will take some getting used-to. House price growth averaging 2½% pa for the next five years will not excite investors or homeowners, but will lay the foundations for a less volatile UK housing market in the medium-term.

Main regional city centres across the UK are expected to outperform with higher sales price and rental growth as the rise of city centre living continues.

aradigm

Birmingham's city centre has grown as a desirable place to live for many of the city's young professionals, especially over the past couple of years. As yet, however, the residential development market has not responded sufficiently to meet this growing demand. This is partly because the latest wave of demand is relatively new, but is also because of the scarcity of available, developable sites in the city centre. These dynamics have pushed sales prices and rents higher.

Looking forward, we expect greater development activity over the next few years, especially as the local talent pool expands, appetite for city living increases and transport improvements such as HS2 all lift demand from owner-occupiers, investors, renters and developers.

We anticipate this will lead to increased sales prices and rents in Birmingham city centre typically in the order of 3-4% pa over the next five years. Residential Research

Birmingham Residential

Economic backdrop

Brexit uncertainty

The outlook for the UK economy is clearly dependent on what happens with Brexit. In some respects, the range of economic scenarios and forecasts are relatively robust. There are very pessimistic and very optimistic scenarios but most produce a steady, stable and unspectacular economic growth profile.

Despite this uncertainty, and unless the terms of leaving look less favourable than most predictions, the general trends and levels of economic forecasts should only deviate slightly from our base forecasts.

The base forecasts, derived from Oxford Economics, assume a reasonably hard Brexit with immigration controls and no membership of the single market. A three year transition arrangement is expected, similar to what we currently have in place, with a free-trade agreement thereafter.

Population growth to ease

Within the base forecast assumptions, UK population growth is expected to slow from an average addition of 477,000 people per year during the ten years 2008-2017 to 333,000 per year by 2022, before falling marginally below 300,000 per year by 2027.

So, a slowdown in population growth is assumed, with a slowdown in net inward migration already underway since the EU referendum. Nevertheless the UK's population is still set to grow strongly over the next decade.

Economic growth steady

The outlook for UK economic growth within this scenario is steady and unspectacular but reassuringly robust. In 2018 and 2019 GVA growth is an under-par 1.6% and 1.7% pa but improves to 2.1-2.2% pa in 2020-2022.

Employment growth is predicted to stall over the next two years but is set to return to the recent trend level of 0.8% pa from 2020. The unemployment rate is forecast to fall further from current levels towards 4% by 2022.

Earnings growth is anticipated to be more subdued over the next two years before bouncing back above the long-term average. Wage growth of circa 3% pa will be replaced by a growth rate of closer to 4% pa during the 2020-2022 period.

Fiscal policy

UK inflation is presently running well above the government's target of 2% pa but is forecast to moderate to below this in the five years to 2022. Importantly, the containment of inflation will be achieved through only a marginal increase in the bank rate.

We expect the bank rate to rise from its current low of 0.25% to 2.25% by 2022 via small and steady incremental rises. This should imply that some real wage growth will come through over the forecast period, particularly in the later years. The pound's exchange rate with both the US\$ and the \in are expected to strengthen over the next five years. By 2022 sterling is forecast to be at 1.42 to the US\$ and 1.15 to the \in .

Forecast risks on the upside

So, the UK economic outlook is reasonably steady but below trend GDP growth for the next two years followed by robust but unspectacular expansion during a three year transition period.

While there are more pessimistic scenarios, we believe that the balance of risk to these base forecasts is on the upside.

These more optimistic variations could transpire through a variety of routes. The government could be less stringent with regard to its austerity programme, as it has already yielded over the public sector pay cap. Inflation pressures may prove less severe, meaning a lower bank rate for longer over the forecast period.

Brexit rhetoric and business expansion in particular could conceivably be brighter than in our base case, leading to stronger economic growth that could feed through to a more optimistic and active consumer.

UK economic forecasts	2018	2019	2020	2021	2022	2018 - 22
GVA growth (% pa)	1.6	1.7	2.2	2.2	2.1	1.9
CPI inflation (% pa)	1.5	1.7	1.9	1.8	1.9	1.8
Bank rate (%)	0.50	0.75	1.25	1.75	2.25	1.30
Exchange rate (£ / \$)	1.38	1.39	1.40	1.41	1.42	1.40
Unemployment rate (%)	4.2	4.1	4.0	4.0	4.0	4.1
Earnings growth (% pa)	3.2	3.4	4.0	4.2	4.1	3.8

Source: JLL, Oxford Economics

West Midlands economic forecasts

The West Midlands economy is set to mirror, albeit slightly underperform, the UK economy over the next five years.

Economic output (GVA) is predicted to increase by a strong 1.8% in 2018 and to expand by an average rate of 1.9% pa during the 2018-2022 period, marginally below the 2.0% pa UK average.

Both consumer expenditure and personal disposable income growth in the West Midlands are also forecast to grow slightly below the UK at an average of 1.5% pa over the next five years. Employment growth is set to be 0.4% pa during this period, marginally below the UK average.

Population growth is anticipated to be 0.5% pa in the West Midlands, around half the growth rate of the UK over the next five years.

City forecasts

Continuing the recent trend of increasing urbanisation and city living, most major cities are expected to experience stronger economic growth than both their regional and national averages over the next five years.

Indeed, the Birmingham economy (GVA) is forecast to expand by an average of 2.1% pa, just above regional and national averages.

Employment growth is also forecast to be stronger. Birmingham is expected to witness employment growth averaging 0.6% pa during 2018-2022, marginally above the 0.4% pa West Midlands average. 2.1%pa Birmingham GVA growth 2018-2022

0.6% pa

Birmingham Employment growth 2018-2022

West Midlands housing market forecasts

West Midlands

House prices in the West Midlands are now rising faster than the UK average, having increased at a slower rate for much of the period since the Global Financial Crisis.

The average house price in the West Midlands was £188,000 as at Q3 2017 – an increase of 5.4% in the past 12 months. Although the UK average house price is notably higher at £237,000, values nationally increased by 4.8% over the same period.

Affordability and strong demand are key drivers of the housing market in the West Midlands. The lower house prices compared with many other regions in southern England means the entry point to home ownership is lower, which increases the potential home buying customer pool. Furthermore, demand levels are outstripping supply, which is lifting house prices. The continuing influence of these two factors is why we expect above average house price growth in the West Midlands over the next five years.

Birmingham

Birmingham has been and will continue to be the key driver of economic growth in the West Midlands. Like many regional cities, Birmingham is still not yet building at pre-global financial crisis levels, providing the conditions for upward price pressure. This is exacerbated by population growth, particularly in the city centre, where the need for further residential development is most acute.

New build pricing typically ranges from £300 psf to £425 psf, with smaller 'bespoke' schemes achieving values in excess of this level. Average one bedroom flats are achieving circa £150,000 and two bedroom flats circa £195,000.

The price of an average two bedroom apartment has increased by 8.3% during 2017.

There is a healthy appetite from first-time buyers in Birmingham, however the lack of completions in recent years has created fierce competition for each available property. This has forced many aspiring homeowners towards renting whilst they try to get on to the housing ladder, underpinning the lettings market and rental values.

Institutional investors have reacted to this trend and have invested heavily in the city centre by supporting Build to Rent developers, which have been competing directly with traditional developers for the small number of developable sites.

Importantly, however, over the past 18 months, international investor interest in Birmingham has also increased. Off-plan sales are becoming commonplace, underwriting development activity and increasing the volume of stock available for domestic purchasers.

Birmingham lettings market

Growing numbers of young professionals, alongside the retention of recent graduates from its four universities, has added to rental demand in Birmingham.

Rental values in the city centre are typically £725 pcm for a one bedroom flat and circa £925 pcm for a two bedroom flat. City centre rents have risen due to a lack of available stock, with two bedroom flats increasing by 2.8% in 2017.

Birmingham land market

Competition for land in the city centre is strong and the scarcity of available, deliverable sites has meant that developers have had to consider fringe location opportunities. This has bid up fringe land prices, but there is a big differential between sale prices in the city centre and fringe locations. As a result, scheme viability in many of these locations is currently under pressure, which may slow the pace of delivery.

Land value pressure in fringe locations is also impacting Build to Rent viability. Rents are often more sensitive to local market averages and this can make it challenging for high quality schemes to come forward. However, current proposed schemes in fringe locations such as Long Harbour's Lansdowne House will no doubt act as a catalyst for driving wider development, improving both achievable rents and sales values.

Birmingham development market

There are 20 schemes totalling circa 3,750 units that are currently under construction in Birmingham.

Notable schemes underway include Seven Capital's St George's Urban Village, which will provide 600 homes for open market sale. The biggest BTR scheme is Exchange Square, a joint venture between Nikal and LaSalle Investment Management, providing 600 units.

Other schemes include Snow Hill Wharf by Berkeley Group's St Joseph, which has obtained planning permission for 400 market sale units. It is anticipated to be completed by 2021.

Furthermore, Seven Capital is hoping to obtain planning approval for its Connaught Square scheme. Plans include 770 flats plus 63,000 sq ft of commercial space. Subject to approval, work is expected to commence in Q4 2018.

Birmingham



Rental growth forecasts

Source: JLL

Looking forward

The outlook for Birmingham's residential market is positive, with above average but stable growth in rents and prices expected. This is supported by weak new build delivery rates set against growing demand, which will continue over the medium-term.

Strong demand from owner-occupiers, institutional investors and renters means that there is only a six to twelve month supply of new stock currently being built.

Demand will be supported by a growing number of businesses and firms moving to Birmingham for cheaper office space and quality of life for workers. This has been provided with a fillip from city centre young professional growth rates and improving transport links, notably HS2.

Significant demand for all residential tenures will put upward pressure not only on sales prices but rental values and land values too.

The importance of good design and high quality specification is becoming more apparent. Renting is fast becoming a lifestyle choice for many and developers need to be aware of this more discerning demographic. Renters are looking for more than just location and they are willing to pay extra for the right product.

Household dynamics

Is the Golden Age for UK housing over?

After shrugging off the initial post-Brexit gloom, the UK residential market appears to be softening, with London leading the trend. Some of this reflects weaker economics as Brexit looms and may be temporary, but important shifts in the underlying drivers of housing demand are also impacting.

The period from the 1980s to the 2008 global financial crisis (GFC) was a Golden Age for UK homeowners. Aside from the odd cyclical hiccup, house prices marched ever upwards in both nominal and real terms. The market has recovered, but pre-crash growth trends are unlikely to be repeated.

To understand the outlook, a long perspective is required to identify the historic tailwinds for UK housing and why they may not provide the same momentum in future.

Origins – financial deregulation and the Thatcher boom

The origins of the long housing boom can be seen in the UK government's financial reforms which began in the turbulence of the 1970s and accelerated over the next decade. These led to major structural innovations in the mortgage market, while stimulating more intense competition amongst providers. A prolonged increase in borrowing resulted as well as an unprecedented rise in owner occupancy.

Market liberalisation was accompanied by a strong macroeconomic recovery in the mid-to-late 1980s. This peaked in the late-1980s as proposed limits to mortgage tax relief led to a record surge in transactions. But the period ended badly. Unsustainably rapid consumer spending brought rising inflation and eventually sharp interest rate increases. By 1990 the UK was in recession.

Recovery to crash – benign inflation and rising migration

The downturn that followed was perhaps the deepest adjustment UK homeowners have ever faced, with the emergence of negative equity triggering record repossessions. But the long downturn also allowed the market to reset and paved the way for recovery by the mid-1990s.

Gradually, a prolonged upturn was established. The benefits of market deregulation continued to play out and after a pause owner occupation rose again. There were some tax headwinds as tax relief was phased out and stamp duty was raised, but house prices continued to accelerate.

A new influence over this period was population change. Before this, demographic growth was slow and largely driven by natural increments. From the mid-1990s, in-migration became increasingly important, in turn sharply boosting the overall rate of UK increases – a trend that continued for more than a decade (see chart).

There were also important policy changes in the 1990s. The recession led the Bank of England to adopt inflation targeting. With Central Bank independence confirmed in 1997, interest rates became the central tool for economic stabilisation. Global trends helped ensure a period of low inflation and interest rates, along with a less volatile economic cycle than in previous decades.

By the early-2000s, plentiful liquidity and loosening credit conditions were stimulating another borrowing boom. Loans for housing were at the heart of this, spurred by initiatives such as investing into the expanding buy-to-let market, self-certification and ever-higher income multiples. House prices spiralled, but then collapsed in the financial crisis of 2008. The deepest recession in post-war history followed.



Realities of post-GFC world

The sharp correction to house prices at the end of the 2000s is well documented, but the downturn was relatively brief and a sluggish national revival followed. House prices eventually recovered to exceed their previous peaks in most locations, but only in cash terms.

Even this upturn required help from inter-generational transfers, government initiatives such as Help to Buy and extraordinary monetary conditions, namely near-zero interest rates and huge injections of liquidity to the financial sector (QE).

By 2010, many of the positive structural influences on housing had turned. Although hidden by the final excesses of the credit boom, financial deregulation had largely run its course by the 2000s and owner occupation was declining. The crisis implied tighter regulation of banks, leading to bigger deposits and lower income multiples. The situation has eased, but there is little chance of a return to the easy money of a decade ago.

Extraordinary policy prevented total economic collapse in 2008-09, but the cost of the crisis has been felt in a glacial recovery. The trend of flat or falling real household incomes is particularly insidious. This has left housing affordability well below previous norms and, as a result, a cohort of younger buyers remain priced out of the UK market.

Brexit delivered another blow in undermining the support to demand from demographics. There is already evidence that EU arrivals have declined sharply since the vote. While migration will continue, the outlook for overall population growth is significantly weaker than in the recent past (see chart).





UK bank rate entering new phase

Source: JLL, Bank of England, Oxford Economics

UK population growth to slow



Source: JLL, ONS, Oxford Economics

UK house price growth to moderate



Source: JLL, Land Registry, Oxford Economics

House price rises more closely aligned with inflation

This does not mean a complete standstill for UK housing. Demographics remain healthy in the UK, while housebuilding has rarely kept pace with demand. In addition, real earnings are expected to recover, if not quite to their past growth rates. The result is a market where affordability will remain low and demand more constrained.

There are other headwinds, as ultra-loose UK monetary policy cannot last forever. Rises in policy rates are expected to be slow and gradual, leaving UK market rates well below their pre-GFC norms. But even a small change will increase costs for homeowners and put further pressure on already stretched incomes. Currently there is speculation that the Bank of England could hike interest rates as early as this November.

The prospects are for less rapid house price rises with forecast rates more closely in line with inflation. It may be a less exciting prospect, but it should be more sustainable and less volatile than in the recent past.

So this can be viewed as an end to the Golden Age for house prices, or (more realistically) as a return to the pre-1970 era of stability.



Andrew Burrell JLL Head of Economics & Forecasting

UK housing market forecasts

Forecast rationale

The next five years will be the start of a new housing paradigm. House price growth will be more moderate than over the past 20 years. Consumers and industry participants will have to adapt and become comfortable with the new state of play.

The principal reason for this new paradigm is a shift in dynamics which is giving less strength to the drivers of higher house prices and greater weight to the drags on prices.

In short, many of the housing market boosts we have seen in the recent past, such as an expanding population, low interest rates, previous affordability relative to incomes and the escalation of housing as a lifetime investment, have now largely played out.

Constraining factors are also likely to play a bigger role. So affordability in terms of income multiples, heightened mortgage market stringency, less support from the Bank of Mum & Dad (as parents need to use housing wealth for their retirement) will start to loom larger. The investor landscape is also now less favourable meaning that owner-occupiers and the affordability issue become even more significant.

So demand drivers are likely to be weaker over the forecast period – and quite possibly beyond - compared with most of the last 20 years.

These factors will converge over the next two years at precisely the time when the UK economy is in its weakest state since 2012.

Supply support

We also believe that one of the supports for the high house price growth of the past 20 years has been an undersupply of housing relative to the rise in population.

And while a significant improvement in housing delivery volumes is still needed to redress the balance, we believe that the undersupply-generated price pressure will not be as strong in future.

There are two reasons for this. The first is that Brexit will mean a slower rate of population growth relative to the past two decades and the second is a permanent step up in the volume of housing which will be delivered. This second element is discussed in greater detail on the page opposite.

The upshot is that although supply will continue to fall short of need, we believe that the fillip the housing shortage has provided to house prices will be diminished over the medium-term.

2018 & 2019

As a result of the aforementioned factors, we believe that 2018 and 2019 will be relatively weak trading conditions for the UK housing market. Principally this will be led by a slower economy courtesy of Brexit, which will mean subdued consumer and household confidence. March 2019 will also mark the end of UK membership of the EU.

We expect UK house price growth to be just 1% in 2018 and 2% in 2019. We believe transaction levels will remain just below 1.2m pa. The lettings market will be a little more robust during this time but rental growth will still be more muted than usual at 2% pa. Importantly, and in a major shift from the rollercoaster rides of the past, housing supply will remain relatively high. UK starts are forecast to stay at circa 200,000 pa during 2018 and 2019.

It will also be notable during this period that house price growth will be stronger outside of the less affordable London and South East regions.

2020 - 2022

The economic and trading landscape is still likely to be somewhat uncertain in 2020, with some form of transition arrangement likely, but greater clarity and a stronger economy should then evolve. This should be accompanied by growing consumer confidence.

We believe that house price growth will improve steadily during the 2020-2022 period, reaching 3½% pa in the UK, with transaction volumes also rising slightly to 1.30m pa.

The rental market will continue to expand, both because of continued unaffordability in the sales market but also supported by the growing trend of renting by choice. We expect rents to rise steadily by around 21/2% pa during the 2020-2022 period.

Improved consumer confidence and housing market dynamics will encourage housebuilders to raise output levels. They will - modestly - but by this stage the industry revolution towards a wider range of delivery organisations and greater adoption of digital construction techniques will make this easier and quicker to achieve. We therefore anticipate housing starts in the UK to increase towards 215,000 homes a year by 2022.

UK house price growth forecasts

% change in house prices pa



UK housing transaction forecasts

Number of transactions pa



UK housing start forecasts

Number of unit starts pa



🕜 Peak: 234k pa

🕑 Trough: 102k pa

Source: JLL

The reinvented UK 'housebuilder'

A combination of factors are already leading to a much changed housebuilding industry. But an even more seismic change is on its way.

The Farmer Review of 2016 told the industry to 'modernise or die'. This will involve a mindset change as well as a skills and working practices change. Much of this will be at an organisational level. The biggest changes for the public will be the resurgence of a wider range of delivery organisations – from Registered Providers to Build to Rent investors to SMEs - driving a shift towards more digital construction activity and a step up in housing supply.

The reinvented UK housebuilding industry will be based on the potential for higher delivery volumes. Construction timelines will often be shorter, quality will be more uniform and output capacity less constrained. Perhaps the only challenges to this new vision are the availability of different types of skilled and unskilled labour and the potential for building material inflation, although the impact of both will be diminished by these new practices.

All of these enhancements will also be supported by the release of more public land for housing development as well as further encouragement from government initiatives. Help to Buy, for example, which was promised more funds recently, has helped housebuilders deliver notably more housing in recent years than they would otherwise have done.

The upshot will be higher volumes of housing delivery but also a less volatile profile of output. Within this changing environment it will be a question of new and expanding market entrants alongside the housebuilders, some of whom will embrace change in order to become the pillars of the industry for the future. Housebuilder dominance means there is no need to act urgently and a 'fast follower' strategy will be more palatable for shareholders. However, we are confident that the disruptive forces requiring a modernisation of our industry are upon us and the time is right for serious consideration and planning.

From the ground up

Dealing with the new paradigm

For industry practitioners, our forecasts make for difficult reading. In truth, the market will invariably deal with greater volatility over the next 5 years due to unanticipated events. And anyway, markets rarely stay that rational for that long.

This will allow some developers to maintain returns by timing development well in the cycle.

However, the overall direction of travel is clear and these trends should be ignored with peril. The period of great capital boosts to housing markets is ending and adjustments will need to be made.

But what to do? Well, it depends very much on market segments and appetite for change. Digital construction - that is to say, a combination of Building Information Modelling, Off-Site Construction techniques, and active management of lifecycle costs to generate customer and business intelligence - will play a role. How much of one depends on business models and planned roles in the future production of new homes.

Implications for housebuilders

For the plc housebuilders, with extremely efficient business models and preferred positions in the supply chain, there is already quite good cost control in place borne largely from scale.

Digital construction will make sense around the edges but probably not at a fundamental level for some time to come. With £10 billion of Help to Buy money extending out into the 2020s, and a tight grip on the end to end housing delivery process, disruption will come late.

However, for developers, registered providers, build to renters and SMEs, digital construction can offer salvation. Not only will it lower the reliance on the vagaries of skilled labour cost inflation during high supply markets, it will also help pin down materials costs up front.

The funding model is lumpy and therefore challenging, but with the exception of SMEs in this grouping, the balance sheets will largely adjust.

New delivery

In return, we will get precision design translated into precision delivery. This isn't about building cheaper, as many seem to suggest. For example, modular construction averages 10%-15% above traditional build costs today.

But those efficiencies will creep in, with parity and beyond becoming achievable in the not too distant future. Perhaps more importantly, precision delivery means accuracy, less waste, and the holy grail of a feedback loop to learn and codify best practice into future schemes.

It would be naive to think these changes will happen quickly, or indeed to think they will happen without pain. However, it is at least as naive for the industry to ignore their inevitability.

Winners and losers

The housing paradigm shift will create a new list of winners and losers. In the meantime, houses will remain unaffordable for too many and insufficient in number for most.

As ever, the most successful businesses reflect the needs of their customers and for housing it couldn't be a more important time to grasp the nettle.

Our forecasts 2018-2022

House price growth % pa	2018	2019	2020	2021	2022	2018-22 *
Birmingham	4	3	31⁄2	4	41⁄2	20.5
UK	1	2	21/2	3	31⁄2	12.6

Rental growth % pa	2018	2019	2020	2021	2022	2018-22 *
Birmingham	3	21⁄2	3	31/2	31/2	16.5
UK	2	21/2	21/2	21/2	21⁄2	12.6

House price growth % pa 2018 2019 2020 2021 2022 20 Greater London -1 1½ 2 3½ 4 4 South East 0 1½ 2 3 3½ 4 Eastern ½ 1½ 2½ 3 4 4 South West 1 1½ 2½ 3 3½ 4 South West 1 1½ 2½ 3 3½ 4 South West 1 1½ 2½ 3 3½ 4 5 East Midlands 2 2½ 2½ 3							
South East 0 1½ 2 3 3½ Eastern ½ 1½ 2½ 3 4 South West 1 1½ 2½ 3 3½ East Midlands 2 2½ 2½ 3 3½ West Midlands 2 2½ 3 3 3½ Yorkshire & The Humber 2 2½ 3 3 3½ North West 3 3 3 3 3½ North East 1 1 2 2 3 3 North East 1 1 2 2 3 3 North East 1 1½ 2 2½ 3 3 Wales 1 1½ 2 2½ 3 3 3 Scotland 1 1½ 2 2½ 3 3 3 3 3 3 3 3 3 3 3 3 3 <th>House price growth % pa</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2018-22 *</th>	House price growth % pa	2018	2019	2020	2021	2022	2018-22 *
Eastern½1½2½34South West11½2½33½East Midlands22½2½33West Midlands22333½Yorkshire & The Humber22½333North West33333North East11223Wales11½22½3Scotland11½22½3	Greater London	-1	11/2	2	31/2	4	10.3
South West 1 1½ 2½ 3 3½ East Midlands 2 2½ 2½ 3 3 West Midlands 2 2 3 3 3½ Yorkshire & The Humber 2 2½ 3 3 3½ North West 3 3 3 3 3½ North East 1 1 2 2 3 3 Wales 1 1½ 2 2½ 3 3 3 Scotland 1 1½ 2 2 3	South East	0	11/2	2	3	31/2	10.4
East Midlands 2 2½ 3 3 West Midlands 2 2 3 3 3½ Yorkshire & The Humber 2 2½ 3 3 3 North West 3 3 3 3½ North East 1 1 2 2 3 Wales 1 1½ 2 2½ 3 Scotland 1 1½ 2 2½ 3	Eastern	1/2	11/2	21/2	3	4	12.0
West Midlands 2 2 3 3 3½ Yorkshire & The Humber 2 2½ 3 3 3 North West 3 3 3 3 3 North East 1 1 2 2½ 3 Wales 1 1½ 2 2½ 3 Scotland 1 1½ 2 2½ 3	South West	1	11/2	21/2	3	31⁄2	12.0
Yorkshire & The Humber 2 2½ 3 3 North West 3 3 3 3½ North East 1 1 2 2 3 Wales 1 1½ 2 2½ 3 Scotland 1 1½ 2 2½ 3	East Midlands	2	21/2	21/2	3	3	13.7
North West 3 3 3 3 3½ North East 1 1 2 2 3 Wales 1 1½ 2 2½ 3 Scotland 1 1½ 2 2½ 3	West Midlands	2	2	3	3	31/2	14.2
North East 1 1 2 2 3 Wales 1 1½ 2 2½ 3 Scotland 1 1½ 2 2½ 3	Yorkshire & The Humber	2	21/2	3	3	3	14.2
Wales 1 1½ 2 2½ 3 Scotland 1 1½ 2 2½ 3	North West	3	3	3	3	31⁄2	16.5
Scotland 1 11/2 2 21/2 3	North East	1	1	2	2	3	9.3
	Wales	1	11/2	2	21/2	3	10.4
UK 1 2 2½ 3 3½	Scotland	1	11/2	2	21/2	3	10.4
	UK	1	2	21/2	3	31⁄2	12.6

Activity and development	2018	2019	2020	2021	2022	2018-22 **
UK transactions (m)	1.18	1.19	1.21	1.26	1.30	1.23
UK housing starts (000s)	200	200	205	210	215	206
UK housing completions (000s)	180	185	200	200	205	194
* 1						

* cumulative growth; ** average pa

Residential services





Affordable Housing



Estate Agency & Lettings



Funding & Corporate Finance



Land Sales & Acquisitions



Research



Mixed Use Development



Planning



New Homes Sales

International

Agency



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