

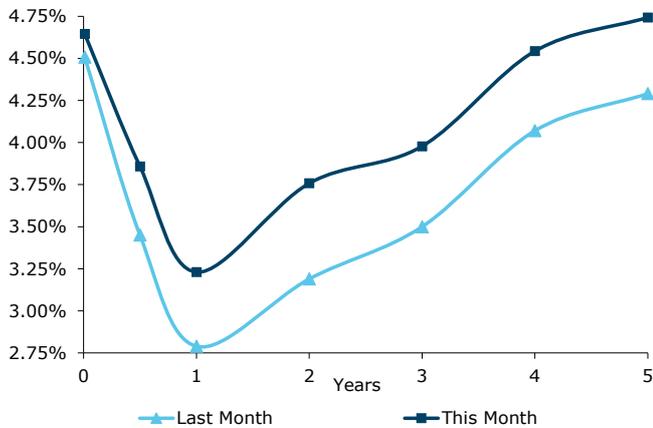
# New Zealand Property Focus

The tide is turning



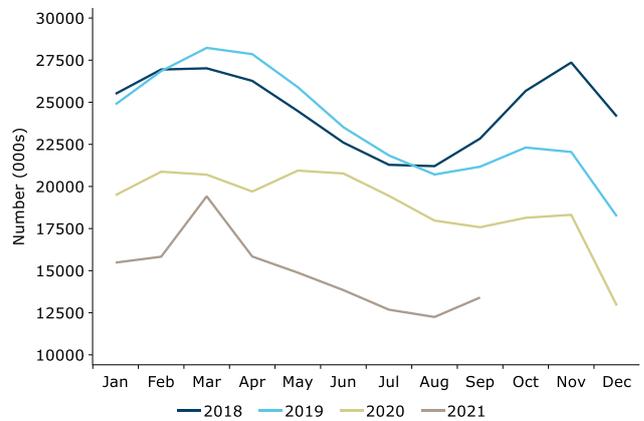
## Mortgage rates are higher

### Across the curve



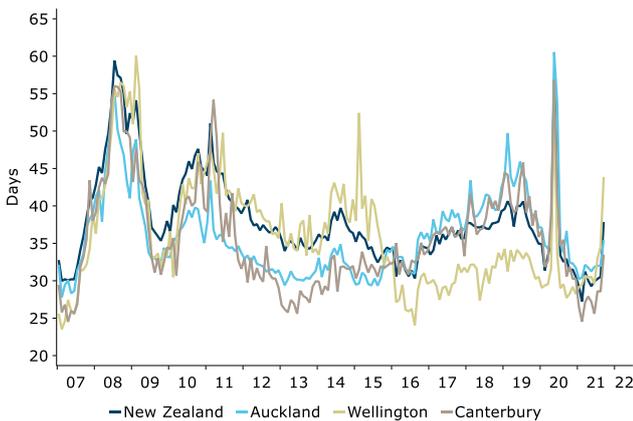
## Higher listings into summer

### But still at very low levels



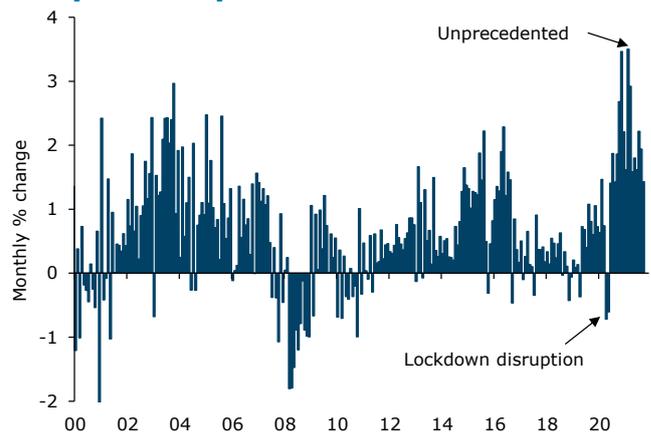
## Days to sell spike on lockdown

### But market still looks tight overall



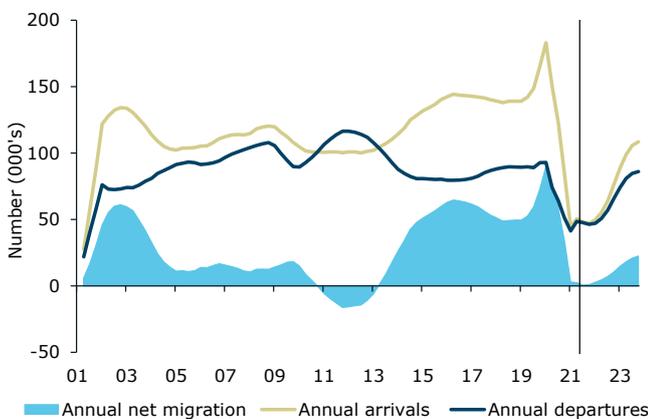
## Monthly price gains solid

### But past the peak



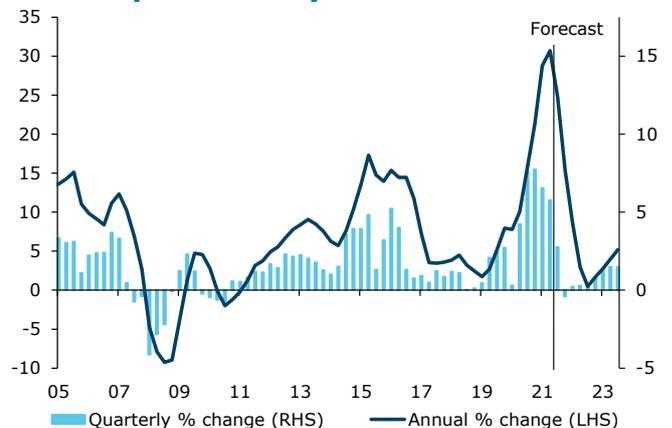
## Net migration will get interesting again

### As economies open up



## Annual house price inflation to slow

### But the pace is very uncertain



Source: RBNZ, REINZ, Stats NZ, Macrobond, Bloomberg, ICAP, RealEstate.co.nz, ANZ Research

This is not personal advice nor financial advice about any product or service. The opinions and research contained in this document are provided for information only, are intended to be general in nature and do not take into account your financial situation or goals. Please refer to the [Important Notice](#).



## Contact

Sharon Zollner, Miles Workman, or David Croy for more details.

See [page 9](#)

## INSIDE

<a href="#">At a glance</a>	2
<a href="#">Housing Market Overview</a>	4
<a href="#">Regional Housing Market Indicators</a>	6
<a href="#">Mortgage Borrowing Strategy</a>	7
<a href="#">Weekly Mortgage Repayment Table</a>	8
<a href="#">Mortgage Rate Forecasts</a>	8
<a href="#">Economic Forecasts</a>	8
<a href="#">Important Notice</a>	10

ISSN 2624-0629

Publication date: 26 October 2021

## Summary

Our monthly *Property Focus* publication provides an independent appraisal of recent developments in the residential property market.

### Housing market overview

Ongoing lockdown measures in Auckland are adding noise to the housing data, but looking through that, the underlying housing pulse seems to be holding up for now. House price inflation remains elevated, but it is slowing. We're expecting that slowdown in prices to continue. This month we find ourselves adding another house price headwind to an already-lengthy list: the Government's housing density legislation, which brings additional downside risks to the price outlook, particularly over the medium term. As summer and the New Year approach, we think it'll pay to keep a close eye on the listings data and migration settings and outturns. Both could shift the dial for this house price cycle in a meaningful way. See our [Market Overview](#).

### Mortgage borrowing strategy

Mortgage rates continue to rise rapidly, with average fixed rates up between 0.41%pts and 0.57%pts over the past month. There were two main catalysts for the increases. The first was the RBNZ's decision to hike earlier this month. Not only was that the first OCR hike in seven years; the RBNZ also warned that further hikes will likely follow. This was further reinforced by the release of Q2 inflation data, which was much higher than expected, fuelling financial market fears that the OCR may have to rise a lot further. As a consequence, term wholesale rates have moved up sharply, which has in turn driven mortgage rates higher. All rates are now above 3% (on average). The 1-year rate remains the lowest; it's also the one we now prefer. It doesn't offer much time protection, but it's a lot cheaper than floating. We believe the prime opportunity to fix has now passed, with longer-term rates now much higher and significantly less attractive than they once were. See our [Mortgage Borrowing Strategy](#).



# Housing market overview

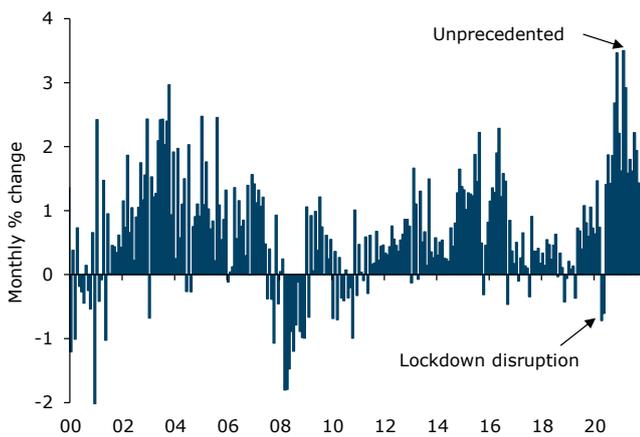
## Summary

Ongoing lockdown measures in Auckland are adding noise to the housing data, but looking through that, the underlying housing pulse seems to be holding up for now. House price inflation remains elevated, but it is slowing. We're expecting that slowdown in prices to continue. This month we find ourselves adding another house price headwind to an already-lengthy list: the Government's housing density legislation, which brings additional downside risks to the price outlook, particularly over the medium term. As summer and the New Year approach, we think it'll pay to keep a close eye on the listings data and migration settings and outturns. Both could shift the dial for this house price cycle in a meaningful way.

## Past the peak

The pace of monthly house price inflation is now well off its cycle peak (figure 1). Mechanically, that means annual inflation is poised to slow over coming months too.

Figure 1. Monthly house price inflation (sa)



Source: REINZ, ANZ Research, Macrobond

Whether or not a soft landing will be achieved in the housing market remains an open question. But with many previous tailwinds becoming headwinds, we think it pays to be attentive to downside risks. Key wind-changes include:

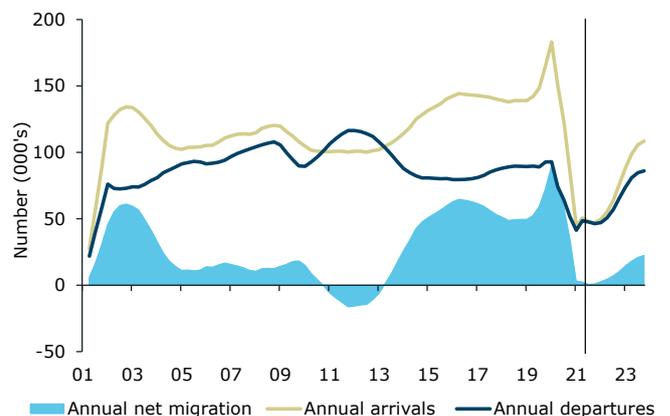
- Rising interest rates, and expectations that there's **more to come**. Swap rates are lifting and that's putting upwards pressure on retail rates, including for mortgages (see the borrowing strategy section for more).
- LVR settings will be **tightened further from 1 November**.
- Adding to an already-lengthy list of housing policy changes, the Government's **higher density housing legislation** is a step in the right direction towards addressing housing undersupply. Hopefully, the removal of red tape and a pivot towards more multi-unit dwelling construction brings some

productivity gains too. However, the benefits may take a while to accrue, as construction is extremely capacity constrained right now. Near-term impacts on the housing cycle are a little ambiguous, as expectations of future housing supply are pitted against the higher development value of land this policy brings. But the longer-run impacts are clear: more houses than otherwise means lower prices than otherwise.

- House prices are now very stretched relative to incomes, meaning affordability constraints are biting.
- As outlined last **month**, banks' funding gap (the gap between deposit and lending growth) suggests upward pressure on wholesale rates is unlikely to be absorbed for long. If credit demand exceeds deposit growth, rates may need to rise by more, or faster than otherwise, to restore the balance.
- Closed borders have slowed population growth markedly, meaning housing supply is catching up to demand, despite labour and materials shortages.

Migration has been on hold this past year or so as a driver of economic activity and housing demand. Closed borders have slowed net migration to a snail's pace. But as the rest of the world (and New Zealand) opens its borders to the vaccinated, this could be something worth keeping a close eye on – particularly if NZ is slower than the rest of the world in letting migrants back in, and/or introduces significantly tighter inward migration policies on the other side of this. Both of those possibilities represent potential downside risks to our migration assumption that net inflows will gradually lift from early- to mid-2022 (figure 2). Net migrant outflows are possible, particularly if more kiwis start making the jump across the Tasman or further afield at a time when inflows from elsewhere are weak. If that were to happen, the fundamental housing supply-demand imbalance could be rectified much sooner.

Figure 2. Net migration



Source: Statistics NZ, ANZ Research

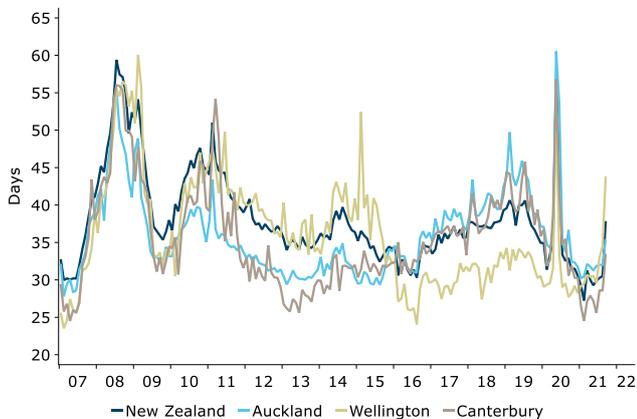


## Housing market overview

Trying to gauge the underlying housing impulse is difficult when the data is plagued by lockdown volatility. And data for Auckland definitely has its fair share of that. Auckland house sales fell 46.4% m/m in September (ANZ seasonal adjustment). Outside of Auckland, sales were up 4.2% m/m, suggesting the market is still getting on with it as best it can. Overall, we'd expect sales to bounce back as restrictions are eased, but the timing here remains very uncertain.

The number of days it takes to sell a house is generally a decent barometer of tightness in the market, but lockdown is adding noise to that indicator too (albeit not as much as the Great Lockdown of 2020, figure 3).

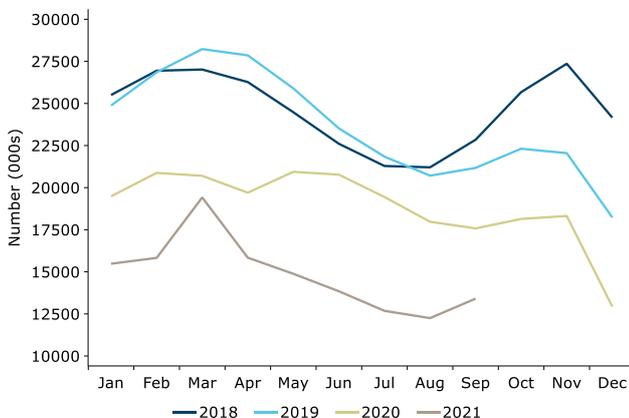
Figure 3. Median number of days it takes to sell a house



Source: REINZ, Macrobond, ANZ Research

Looking through the noise, we continue to assess the market to be "tight". Anecdote suggests housing demand and confidence are holding up at a time when the number of properties available for sale remains very low, despite the small seasonal uptick in September (figure 4).

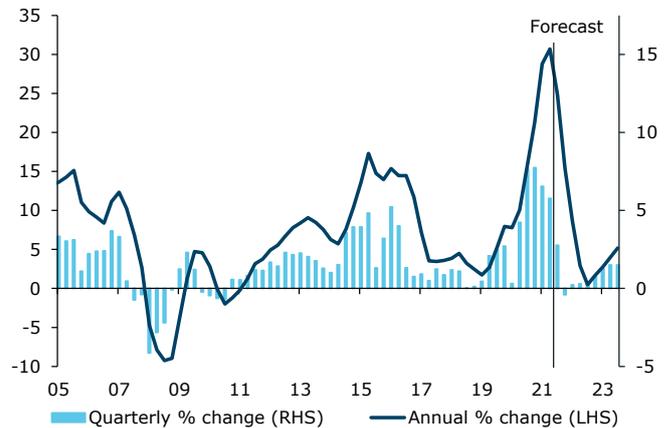
Figure 4. Properties available for sale



Source: Realestate.co.nz, ANZ Research

We'll be keeping a close eye on the listings data as we head into summer. Listings should lift in line with seasonal patterns, but if enough sellers attempt to sell "at the peak" all at the same time, house prices could adjust a little more dramatically than our expectation (figure 5).

Figure 5. House price forecast



Source: REINZ, ANZ Research

As we've noted in past editions, forecasting house prices can be a bit of a mug's game. Accounting for the structural and cyclical impacts of policy changes isn't straightforward, particularly when there are multiple "policy shocks" occurring over different time horizons. The RBNZ has recently made the assessment that house prices are above their sustainable level, but that doesn't necessarily mean they will "correct". Rather, house prices could simply rise more slowly than incomes over the next few years (or decades more like), eventually bringing the level to something more sustainable.

Our house price forecast has a few negative months of house price inflation built in (as rates rise and listing increase over the summer), but this isn't enough to shift annual inflation into the red – although that's a very real possibility.

Based on the growing list of headwinds to house prices, we're still comfortable with our characterisation that risks are skewed to the downside. For the broader economy, the implications of a sharper-than-expected moderation in house price inflation would depend on how it affects household confidence and spending, as well as construction activity. The high starting point for house prices means even a double-digit decline (eg 10%) would only take prices back to where they were in March this year.



## Housing market overview

### Housing market indicators for September 2021 (based on REINZ data seasonally adjusted by ANZ Research)

	Median house price			House price index		# of monthly sales	Monthly % change	Average days to sell
	Level	Annual % change	3-mth % change	Annual % change	3-mth % change			
Northland	\$665,171	18.9	-1.0	33.5	6.6	174	+2%	38
Auckland	\$1,159,722	20.5	4.1	25.7	5.4	1,369	-46%	35
Waikato	\$778,626	21.9	4.8	33.3	5.7	614	+3%	35
Bay of Plenty	\$878,935	24.1	4.4	37.3	6.3	385	+9%	41
Gisborne	\$599,361	9.1	-11.8	36.9	5.4	45	+66%	47
Hawke's Bay	\$782,977	31.5	1.1	36.9	5.4	208	+20%	39
Manawatu-Whanganui	\$622,369	35.2	4.5	46.2	3.7	314	+28%	41
Taranaki	\$525,867	10.8	-1.6	30.0	4.1	151	+8%	40
Wellington	\$854,350	13.9	-1.1	35.1	3.9	697	+13%	44
Tasman, Nelson & Marlborough	\$763,600	22.5	2.5			205	+11%	41
Canterbury	\$653,580	30.6	9.4	36.2	9.2	894	-2%	33
Otago	\$708,018	18.5	1.6	28.4	5.6	357	+0%	38
West Coast	\$272,928	11.5	-2.3	25.9	3.4	30	-31%	31
Southland	\$434,622	28.2	2.2	25.5	3.7	159	+38%	30
<b>New Zealand</b>	<b>\$803,142</b>	<b>15.5</b>	<b>3.6</b>	<b>30.5</b>	<b>5.8</b>	<b>5,757</b>	<b>-10%</b>	<b>38</b>



# Mortgage borrowing strategy

**This is not personal advice nor financial advice about any product or service. The opinions and research contained in this document are provided for information only, are intended to be general in nature and do not take into account your financial situation or goals. Please refer to the Important Notice.**

## Summary

Mortgage rates continue to rise rapidly, with average fixed rates up between 0.41%pts and 0.57%pts over the past month. There were two main catalysts for the increases. The first was the RBNZ's decision to hike earlier this month. Not only was that the first OCR hike in seven years; the RBNZ also warned that further hikes will likely follow. This was further reinforced by the release of Q2 inflation data, which was much higher than expected, fuelling financial market fears that the OCR may have to rise a lot further. As a consequence, term wholesale rates have moved up sharply, which has in turn driven mortgage rates higher. All rates are now above 3% (on average). The 1-year rate remains the lowest; it's also the one we now prefer. It doesn't offer much time protection, but it's a lot cheaper than floating. We believe the prime opportunity to fix has now passed, with longer-term rates now much higher and significantly less attractive than they once were.

## Our view

The sharp rise in mortgage rates seen over the past month has taken interest rates up to levels where we think it is now less likely to be worthwhile fixing for more than 1 year if the intention is to save money over the long run. To put it bluntly, the "horse has bolted", and we think it will now be very difficult for borrowers to get ahead of likely upcoming rises in mortgage rates. This was possible earlier in the year, and we flagged the opportunities then. But the mortgage curve is now so high and so steep that paying fixed for 2 years or more will likely only be cost effective if rates rise very sharply – and more sharply than we expect.

To illustrate this point, consider the choice between 1 and 2-year. At the moment, the average 1-year rate is 3.23% and the average 2-year rate is 3.76%. If you consider a 2-year time horizon, two simple strategies to compare might be (1) fix for 2 years; or (2) fix for 1 year and then re-fix for 1 year in a year's time. You could also combine 6-month and 18-month terms, but for now we'll just consider 1-year and 2-year terms. The question then becomes: where might the 1-year rate be in a year? We expect it to rise, but it's by how much that matters, if one views it purely from a cost perspective (and ignores other considerations like fluctuating payments and the value of certainty).

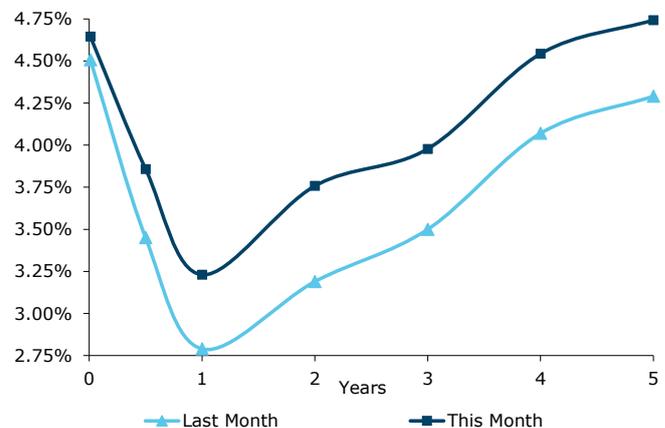
As our breakeven table shows, if you fix for 1 year now at 3.23%, then as long as the 1-year rate is below 4.29% in 1 year's time, when you could re-fix for another year, you'll end up better off than having fixed for 2 years now (in terms of overall interest expense

over a 2-year time horizon). That's a fairly big increase to expect (+1.06%pts), particularly given that the 1-year rate has already risen by 1.04%pts since June, when it was 2.19%. To be clear, we expect the OCR to rise by another 1.5%pts over the next year. But that's already priced in, and that's why the 1-year wholesale (swap) rate is around 1.5% and the wholesale 2-year wholesale rate is around 2%.

That being the case, we are only likely to see 1-year mortgage rates rise by more than what is implied by our breakevens if the RBNZ is forced to hike by more, eg if inflation really gets out of hand. But that's not what we expect right now. And while inflation risks are very real, the picture could change abruptly. As Alert Level restrictions drag on, downside risks to growth and employment are building – and we're about to find out how robust the housing market is to higher rates. We could easily see the economy stall, with the RBNZ pausing or even reversing hikes, potentially leaving those who have fixed for longer regretful.

Being fixed for longer does provide certainty, and that has real value. Those who can't afford to take the risk of higher rates and who, for example, know that they can afford to pay up to 4% but not more, may wish to fix now for, say, 3 years. But that does bring with it an immediate cost (compared to 1-year) and on current projections, may cost more over time. In the end, it will depend on how much risk you're comfortable with.

**Figure 1. Carded special mortgage rates<sup>^</sup>**



**Table 1. Special Mortgage Rates**

Term	Breakevens for 20%+ equity borrowers				
	Current	in 6mths	in 1yr	in 18mths	in 2 yrs
Floating	4.65%				
6 months	3.86%	2.60%	4.16%	4.41%	4.31%
1 year	3.23%	3.38%	4.29%	4.36%	4.42%
2 years	3.76%	3.87%	4.35%	4.80%	5.33%
3 years	3.98%	4.33%	4.98%	5.19%	5.40%
4 years	4.54%	4.74%	5.12%		
5 years	4.74%	#Average of "big four" banks			

<sup>^</sup> Average of carded rates from ANZ, ASB, BNZ and Westpac.

Source: interest.co.nz, ANZ Research



## Key forecasts

### Weekly mortgage repayments table (based on 25-year term)

Mortgage Size (\$'000)	Mortgage Rate (%)													
	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75
200	207	213	219	225	231	237	243	250	256	263	270	276	283	290
250	259	266	273	281	289	296	304	312	320	329	337	345	354	363
300	310	319	328	337	346	356	365	375	385	394	404	415	425	435
350	362	372	383	393	404	415	426	437	449	460	472	484	496	508
400	414	426	437	450	462	474	487	500	513	526	539	553	566	580
450	466	479	492	506	520	534	548	562	577	592	607	622	637	653
500	517	532	547	562	577	593	609	625	641	657	674	691	708	725
550	569	585	601	618	635	652	669	687	705	723	741	760	779	798
600	621	638	656	674	693	711	730	750	769	789	809	829	850	870
650	673	692	711	730	750	771	791	812	833	854	876	898	920	943
700	724	745	766	787	808	830	852	874	897	920	944	967	991	1,015
750	776	798	820	843	866	889	913	937	961	986	1,011	1,036	1,062	1,088
800	828	851	875	899	924	948	974	999	1,025	1,052	1,078	1,105	1,133	1,160
850	879	904	930	955	981	1,008	1,035	1,062	1,089	1,117	1,146	1,174	1,204	1,233
900	931	958	984	1,011	1,039	1,067	1,095	1,124	1,154	1,183	1,213	1,244	1,274	1,306
950	983	1,011	1,039	1,068	1,097	1,126	1,156	1,187	1,218	1,249	1,281	1,313	1,345	1,378
1000	1,035	1,064	1,094	1,124	1,154	1,186	1,217	1,249	1,282	1,315	1,348	1,382	1,416	1,451

### Mortgage rate projections (historic rates are special rates; projections based on ANZ's wholesale rate forecasts)

Interest rates	Actual			Projections							
	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	
Floating Mortgage Rate	4.5	4.5	4.5	5.0	5.3	5.8	6.3	6.3	6.3	6.3	
1-Yr Fixed Mortgage Rate	2.3	2.2	2.7	3.4	3.7	4.0	4.1	4.1	4.1	4.1	
2-Yr Fixed Mortgage Rate	2.6	2.6	3.1	3.9	4.1	4.2	4.2	4.2	4.2	4.2	
5-Yr Fixed Mortgage Rate	3.0	3.6	4.0	4.7	4.8	4.9	4.9	4.9	4.9	4.9	

Source: RBNZ, ANZ Research

### Economic forecasts

Economic indicators	Actual			Forecasts							
	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	
GDP (Annual % Chg)	0.1	2.9	17.4	-4.2	4.1	2.9	1.2	9.8	2.9	3.4	
CPI Inflation (Annual % Chg)	1.4	1.5	3.3	4.9(a)	5.5	5.8	5.1	3.9	3.2	2.5	
Unemployment Rate (%)	4.8	4.6	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.9	
House Prices (Quarter % Chg)	7.6	7.7	6.5	5.8(a)	2.8	-0.4	0.2	0.3	0.3	0.8	
House Prices (Annual % Chg)	15.6	21.3	28.8	30.7(a)	24.8	15.4	8.5	2.9	0.5	1.7	

Interest rates	Actual			Forecasts							
	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	
Official Cash Rate	0.25	0.25	0.25	0.75	1.00	1.50	2.00	2.00	2.00	2.00	
90-Day Bank Bill Rate	0.35	0.35	0.65	1.00	1.52	2.02	2.10	2.10	2.10	2.10	
10-Year Bond	1.81	1.77	2.09	2.50	2.65	2.75	2.75	2.80	2.80	2.80	

Source: ANZ Research, Statistics NZ, RBNZ, REINZ



## Contact us

---

### Meet the team

We welcome your questions and feedback. Click [here](#) for more information about our team.



**Sharon Zollner**  
Chief Economist

Follow Sharon on Twitter  
@sharon\_zollner

Telephone: +64 27 664 3554  
Email: [sharon.zollner@anz.com](mailto:sharon.zollner@anz.com)

General enquiries:  
[research@anz.com](mailto:research@anz.com)

Follow ANZ Research  
@ANZ\_Research (global)



**David Croy**  
Senior Strategist

Market developments, interest rates, FX, unconventional monetary policy, liaison with market participants.

Telephone: +64 4 576 1022  
Email: [david.croy@anz.com](mailto:david.croy@anz.com)



**Susan Kilsby**  
Agricultural Economist

Primary industry developments and outlook, structural change and regulation, liaison with industry.

Telephone: +64 21 633 469  
Email: [susan.kilsby@anz.com](mailto:susan.kilsby@anz.com)



**Miles Workman**  
Senior Economist

Macroeconomic forecast co-ordinator, fiscal policy, economic risk assessment and credit developments.

Telephone: +64 21 661 792  
Email: [miles.workman@anz.com](mailto:miles.workman@anz.com)



**Finn Robinson**  
Economist

Macroeconomic forecasting, economic developments, labour market dynamics, inflation and monetary policy.

Telephone: +64 21 629 553  
Email: [finn.robinson@anz.com](mailto:finn.robinson@anz.com)



**Kyle Uerata**  
Economic Statistician

Economic statistics, ANZ proprietary data (including ANZ Business Outlook), data capability and infrastructure.

Telephone: +64 21 633 894  
Email: [kyle.uerata@anz.com](mailto:kyle.uerata@anz.com)



**Natalie Denne**  
PA / Desktop Publisher

Business management, general enquiries, mailing lists, publications, chief economist's diary.

Telephone: +64 21 253 6808  
Email: [natalie.denne@anz.com](mailto:natalie.denne@anz.com)



## Important notice

---

Last updated: 15 October 2021

**This document is intended for ANZ's Institutional, Markets and Private Banking clients. It should not be forwarded, copied or distributed. The opinions and research contained in this document are (a) not personal advice nor financial advice about any product or service; (b) provided for information only; and (c) intended to be general in nature and does not take into account your financial situation or goals.**

This document may be restricted by law in certain jurisdictions. Persons who receive this document must inform themselves about and observe all relevant restrictions.

**Disclaimer for all jurisdictions:** This document is prepared and distributed in your country/region by either: Australia and New Zealand Banking Group Limited (ABN11 005 357 522) (**ANZ**); or its relevant subsidiary or branch (each, an **Affiliate**), as appropriate or as set out below.

This document is distributed on the basis that it is only for the information of the specified recipient or permitted user of the relevant website (**recipients**).

This document is solely for informational purposes and nothing contained within is intended to be an invitation, solicitation or offer by ANZ to sell, or buy, receive or provide any product or service, or to participate in a particular trading strategy.

Distribution of this document to you is only as may be permissible by the laws of your jurisdiction, and is not directed to or intended for distribution or use by recipients resident or located in jurisdictions where its use or distribution would be contrary to those laws or regulations, or in jurisdictions where ANZ would be subject to additional licensing or registration requirements. Further, the products and services mentioned in this document may not be available in all countries.

ANZ in no way provides any financial, legal, taxation or investment advice to you in connection with any product or service discussed in this document. Before making any investment decision, recipients should seek independent financial, legal, tax and other relevant advice having regard to their particular circumstances.

Whilst care has been taken in the preparation of this document and the information contained within is believed to be accurate, ANZ does not represent or warrant the accuracy or completeness of the information. Further, ANZ does not accept any responsibility to inform you of any matter that subsequently comes to its notice, which may affect the accuracy of the information in this document.

Preparation of this document and the opinions expressed in it may involve material elements of subjective judgement and analysis. Unless specifically stated otherwise: they are current on the date of this document and are subject to change without notice; and, all price information is indicative only. Any opinions expressed in this document are subject to change at any time without notice.

ANZ does not guarantee the performance of any product mentioned in this document. All investments entail a risk and may result in both profits and losses. Past performance is not necessarily an indicator of future performance. The products and services described in this document may not be suitable for all investors, and transacting in these products or services may be considered risky.

ANZ expressly disclaims any responsibility and shall not be liable for any loss, damage, claim, liability, proceedings, cost or expense (Liability) arising directly or indirectly and whether in tort (including negligence), contract, equity or otherwise out of or in connection with this document to the extent permissible under relevant law. Please note, the contents of this document have not been reviewed by any regulatory body or authority in any jurisdiction.

ANZ and its Affiliates may have an interest in the subject matter of this document. They may receive fees from customers for dealing in the products or services described in this document, and their staff and introducers of business may share in such fees or remuneration that may be influenced by total sales, at all times received and/or apportioned in accordance with local regulatory requirements. Further, they or their customers may have or have had interests or long or short positions in the products or services described in this document, and may at any time make purchases and/or sales in them as principal or agent, as well as act (or have acted) as a market maker in such products. This document is published in accordance with ANZ's policies on conflicts of interest and ANZ maintains appropriate information barriers to control the flow of information between businesses within it and its Affiliates.

Your ANZ point of contact can assist with any questions about this document including for further information on these disclosures of interest.

**Country/region specific information:** Unless stated otherwise, this document is distributed by Australia and New Zealand Banking Group Limited (**ANZ**).

**Australia.** ANZ holds an Australian Financial Services licence no. 234527. For a copy of ANZ's Financial Services Guide please or request from your ANZ point of contact.

**Brazil, Brunei, India, Japan, Kuwait, Malaysia, Switzerland, Taiwan.** This document is distributed in each of these jurisdictions by ANZ on a cross-border basis.

**Cambodia.** The information contained in this document is confidential and is provided solely for your use upon your request. This does not constitute or form part of an offer or solicitation of any offer to engage services, nor should it or any part of it form the basis of, or be relied in any connection with, any contract or commitment whatsoever. ANZ does not have a licence to undertake banking operations or securities business or similar business, in Cambodia. By requesting financial services from ANZ, you agree, represent and warrant that you are engaging our services wholly outside of Cambodia and subject to the laws of the contract governing the terms of our engagement.

**Chile.** You understand and agree that ANZ Banking Group Limited is not regulated by Chilean Authorities and that the provision of ANZ Research is not subject to any Chilean supervision and is not guaranteed by any regulatory or governmental agency in Chile.

**European Economic Area (EEA): United Kingdom.** ANZ is authorised in the United Kingdom by the Prudential Regulation Authority (**PRA**) and is subject to regulation by the Financial Conduct Authority (**FCA**) and limited regulation by the PRA. Details about the extent of our regulation by the PRA are available from us on request. This document is distributed in the United Kingdom by Australia and New Zealand Banking Group Limited ANZ solely for the information of persons who would come within the FCA definition of "eligible counterparty" or "professional client". It is not intended for and must not be distributed to any person who would come within the FCA definition of "retail client". Nothing here excludes or restricts any duty or liability to a customer which ANZ may have under the UK Financial Services and Markets Act 2000 or under the regulatory system as defined in the Rules of the Prudential Regulation Authority (**PRA**) and the FCA. ANZ is authorised in the United Kingdom by the PRA and is subject to regulation by the FCA and limited regulation by the PRA. Details about the extent of our regulation by the PRA are available from us on request.

**Fiji.** For Fiji regulatory purposes, this document and any views and recommendations are not to be deemed as investment advice. Fiji investors must seek licensed professional advice should they wish to make any investment in relation to this document.

**Hong Kong.** This publication is issued or distributed in Hong Kong by the Hong Kong branch of ANZ, which is registered at the Hong Kong Monetary Authority to conduct Type 1 (dealing in securities), Type 4 (advising on securities) and Type 6 (advising on corporate finance) regulated activities. The contents of this publication have not been reviewed by any regulatory authority in Hong Kong.



## Important notice

**India.** If this document is received in India, only you (the specified recipient) may print it provided that before doing so, you specify on it your name and place of printing.

**Myanmar.** This publication is intended to be general and part of ANZ's customer service and marketing activities when implementing its functions as a licensed bank. This publication is not Securities Investment Advice (as that term is defined in the Myanmar Securities Transaction Law 2013).

**New Zealand.** This material is for information purposes only and is not financial advice about any product or service. We recommend seeking financial advice about your financial situation and goals before acquiring or disposing of (or not acquiring or disposing of) a financial product.

**Oman.** ANZ neither has a registered business presence nor a representative office in Oman and does not undertake banking business or provide financial services in Oman. Consequently ANZ is not regulated by either the Central Bank of Oman or Oman's Capital Market Authority. The information contained in this document is for discussion purposes only and neither constitutes an offer of securities in Oman as contemplated by the Commercial Companies Law of Oman (Royal Decree 4/74) or the Capital Market Law of Oman (Royal Decree 80/98), nor does it constitute an offer to sell, or the solicitation of any offer to buy non-Omani securities in Oman as contemplated by Article 139 of the Executive Regulations to the Capital Market Law (issued vide CMA Decision 1/2009). ANZ does not solicit business in Oman and the only circumstances in which ANZ sends information or material describing financial products or financial services to recipients in Oman, is where such information or material has been requested from ANZ and the recipient understands, acknowledges and agrees that this document has not been approved by the CBO, the CMA or any other regulatory body or authority in Oman. ANZ does not market, offer, sell or distribute any financial or investment products or services in Oman and no subscription to any securities, products or financial services may or will be consummated within Oman. Nothing contained in this document is intended to constitute Omani investment, legal, tax, accounting or other professional advice.

**People's Republic of China (PRC).** This document may be distributed by either ANZ or Australia and New Zealand Bank (China) Company Limited (**ANZ China**). Recipients must comply with all applicable laws and regulations of PRC, including any prohibitions on speculative transactions and CNY/CNH arbitrage trading. If this document is distributed by ANZ or an Affiliate (other than ANZ China), the following statement and the text below is applicable: No action has been taken by ANZ or any affiliate which would permit a public offering of any products or services of such an entity or distribution or re-distribution of this document in the PRC. Accordingly, the products and services of such entities are not being offered or sold within the PRC by means of this document or any other document. This document may not be distributed, re-distributed or published in the PRC, except under circumstances that will result in compliance with any applicable laws and regulations. If and when the material accompanying this document relates to the products and/or services of ANZ China, the following statement and the text below is applicable: This document is distributed by ANZ China in the Mainland of the PRC.

**Qatar.** This document has not been, and will not be:

- lodged or registered with, or reviewed or approved by, the Qatar Central Bank (**QCB**), the Qatar Financial Centre (**QFC**) Authority, QFC Regulatory Authority or any other authority in the State of Qatar (**Qatar**); or
- authorised or licensed for distribution in Qatar,

and the information contained in this document does not, and is not intended to, constitute a public offer or other invitation in respect of securities in Qatar or the QFC. The financial products or services described in this document have not been, and will not be:

- registered with the QCB, QFC Authority, QFC Regulatory Authority or any other governmental authority in Qatar; or
- authorised or licensed for offering, marketing, issue or sale, directly or indirectly, in Qatar.

Accordingly, the financial products or services described in this document are not being, and will not be, offered, issued or sold in Qatar, and this document is not being, and will not be, distributed in Qatar. The offering, marketing, issue and sale of the financial products or services described in this document and distribution of this document is being made in, and is subject to the laws, regulations and rules of, jurisdictions outside of Qatar and the QFC. Recipients of this document must abide by this restriction and not distribute this document in breach of this restriction. This document is being sent/issued to a limited number of institutional and/or sophisticated investors (i) upon their request and confirmation that they understand the statements above; and (ii) on the condition that it will not be provided to any person other than the original recipient, and is not for general circulation and may not be reproduced or used for any other purpose.

**Singapore.** This document is distributed in Singapore by the Singapore branch of ANZ solely for the information of "accredited investors", "expert investors" or (as the case may be) "institutional investors" (each term as defined in the Securities and Futures Act Cap. 289 of Singapore). ANZ is licensed in Singapore under the Banking Act Cap. 19 of Singapore and is exempted from holding a financial adviser's licence under Section 23(1)(a) of the Financial Advisers Act Cap. 100 of Singapore. In respect of any matters arising from, or in connection with, the distribution of this publication in Singapore, please speak to your usual ANZ contact in Singapore.

**United Arab Emirates (UAE).** This document is distributed in the UAE or the Dubai International Financial Centre (**DIFC**) (as applicable) by ANZ. This document does not, and is not intended to constitute: (a) an offer of securities anywhere in the UAE; (b) the carrying on or engagement in banking, financial and/or investment consultation business in the UAE under the rules and regulations made by the Central Bank of the UAE, the Emirates Securities and Commodities Authority or the UAE Ministry of Economy; (c) an offer of securities within the meaning of the Dubai International Financial Centre Markets Law (DIFCML) No. 12 of 2004; and (d) a financial promotion, as defined under the DIFCML No. 1 of 200. ANZ DIFC Branch is regulated by the Dubai Financial Services Authority (**DFSA**) ANZ DIFC Branch is regulated by the Dubai Financial Services Authority (**DFSA**). The financial products or services described in this document are only available to persons who qualify as "Professional Clients" or "Market Counterparty" in accordance with the provisions of the DFSA rules.

**United States.** Except where this is a FX-related document, this document is distributed in the United States by ANZ Securities, Inc. (**ANZ SI**) which is a member of the Financial Regulatory Authority (**FINRA**) ([www.finra.org](http://www.finra.org)) and registered with the SEC. ANZSI's address is 277 Park Avenue, 31st Floor, New York, NY 10172, USA (Tel: +1 212 801 9160 Fax: +1 212 801 9163). ANZSI accepts responsibility for its content. Information on any securities referred to in this document may be obtained from ANZSI upon request. This document or material is intended for institutional use only – not retail. If you are an institutional customer wishing to effect transactions in any securities referred to in this document you must contact ANZSI, not its affiliates. ANZSI is authorised as a broker-dealer only for institutional customers, not for US Persons (as "US person" is defined in Regulation S under the US Securities Act of 1933, as amended) who are individuals. If you have registered to use this website or have otherwise received this document and are a US Person who is an individual: to avoid loss, you should cease to use this website by unsubscribing or should notify the sender and you should not act on the contents of this document in any way. Non-U.S. analysts: Non-U.S. analysts may not be associated persons of ANZSI and therefore may not be subject to FINRA Rule 2242 restrictions on communications with the subject company, public appearances and trading securities held by the analysts. Where this is an FX-related document, it is distributed in the United States by ANZ's New York Branch, which is also located at 277 Park Avenue, 31st Floor, New York, NY 10172, USA (Tel: +1 212 801 9160 Fax: +1 212 801 9163).

**Vietnam.** This document is distributed in Vietnam by ANZ or ANZ Bank (Vietnam) Limited, a subsidiary of ANZ.

This document has been prepared by ANZ Bank New Zealand Limited, Level 26, 23-29 Albert Street, Auckland 1010, New Zealand, Ph 64-9-357 4094, e-mail [nzeconomics@anz.com](mailto:nzeconomics@anz.com), <http://www.anz.co.nz>