

New Zealand Property Focus

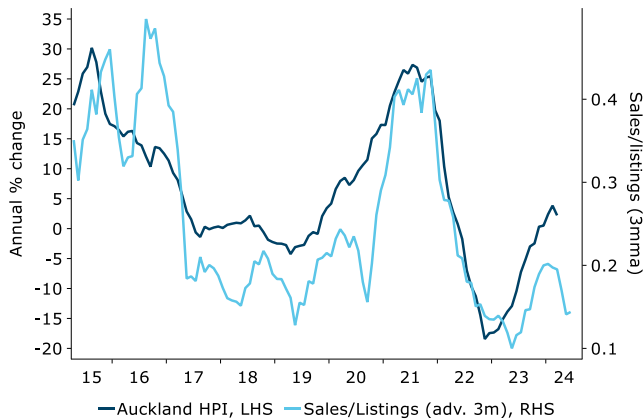
Looking for a signal
from Auckland



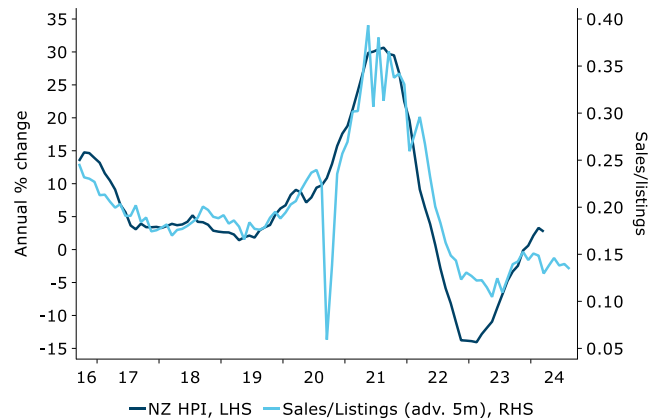


At a glance

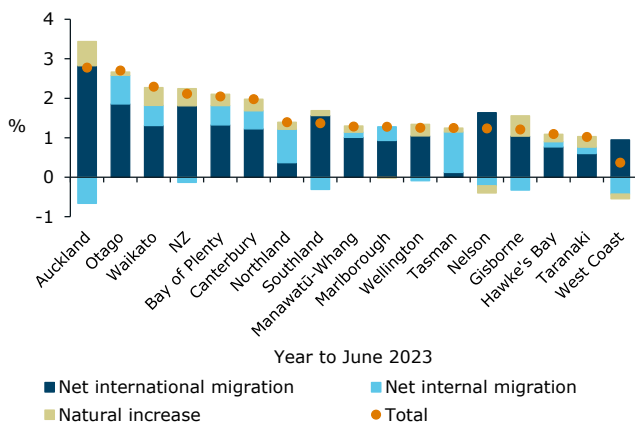
Auckland's sales to listings ratio suggests soft price momentum



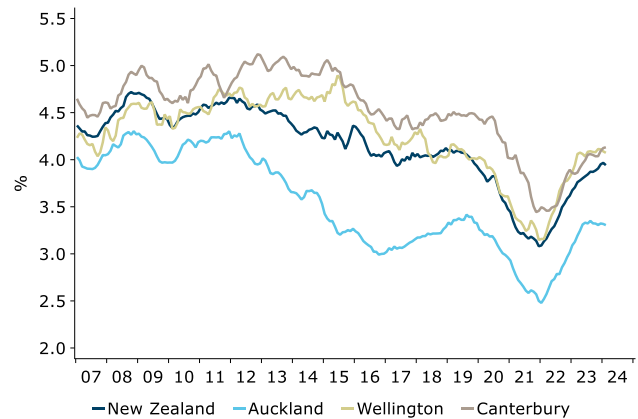
The NZ-wide ratio is pointing to soggy price momentum too



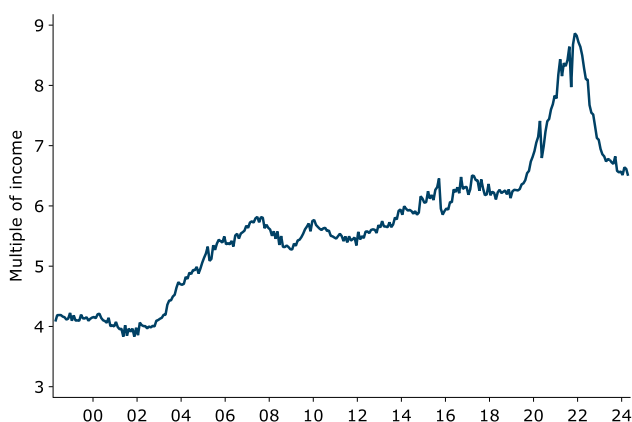
Migration is adding plenty of fuel to Auckland's population growth...



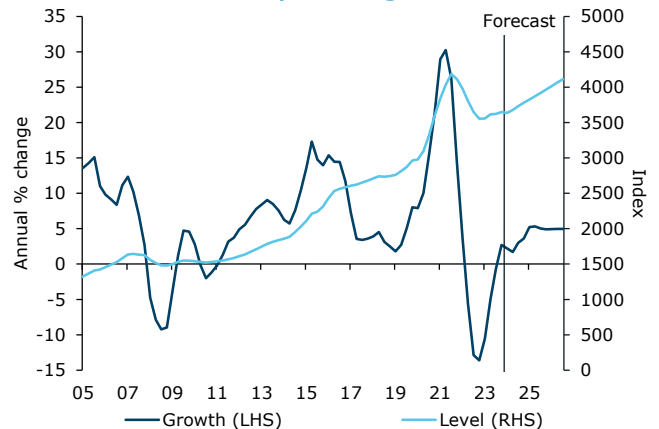
...but rental yields there appear contained



House prices remain elevated relative to incomes



We maintain our forecast for modest house price growth



Source: REINZ, Stats NZ, MBIE, RBNZ, realestate.co.nz, Barfoot & Thompson, Macrobond, 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

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

See [page 11](#)

INSIDE

At a glance	2
Housing Market Overview	4
Regional Housing Market Indicators	8
Mortgage Borrowing Strategy	9
Weekly Mortgage Repayment Table	10
Mortgage Rate Forecasts	10
Economic Forecasts	10
Important Notice	12

ISSN 2624-0629

Publication date: 29 April 2024

Summary

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

Property Focus

House prices came in a little softer than we anticipated in the first quarter of the year, and forward indicators suggest the second and third quarters could be just as soft. Auckland often leads nationwide housing outcomes, so this month we take a closer look into what some of the Auckland indicators are saying about what might lie ahead for the country as a whole. Given Auckland tends to get the lion's share of net migrants, this regional lens on the housing market is particularly important in the context of current surging net migration. However, we find little evidence in rental yields to suggest migration is about to drive a surge in investor demand for houses. In fact, rental yields in Auckland have been somewhat muted in recent months compared to the national average. All in all, indicators of market tightness in Auckland, and the rest of New Zealand for that matter, are running on the colder side of tepid, and that points to some downside risk around our house price forecast for a modest 3% rise in prices over 2024. See the [Property Focus](#) section.

Mortgage Borrowing Strategy

Mortgage rates are little changed on average across the four bigger banks this month, but the tweaks that have been seen have generally been falls. With wholesale rates at the upper end of trading ranges seen year-to-date, those falls likely reflect more intense competition among banks as loan growth slows. While that's good news for borrowers, further and meaningful falls from here will likely require wholesale rates to fall, and given sticky inflation, that looks like a story for late this year or early next year, rather than an imminent prospect. We continue to envisage lower mortgage rates, but we would caution that they may not fall as quickly as they need to for it to be cheaper fixing for, say, 1 year rather than 2 years. There isn't much in it but given that middle-duration terms like 2 and 3yr are already a lot cheaper than 1yr, we still see some merit in fixing for a little longer, and potentially across a mix of terms. See our [Mortgage Borrowing Strategy](#).



Summary

House prices came in a little softer than we anticipated in the first quarter of the year, and forward indicators suggest the second and third quarters could be just as soft. Auckland often leads nationwide housing outcomes, so this month we take a closer look into what some of the Auckland indicators are saying about what might lie ahead for the country as a whole. Given Auckland tends to get the lion's share of net migrants, this regional lens on the housing market is particularly important in the context of current surging net migration. However, we find little evidence in rental yields to suggest migration is about to drive a surge in investor demand for houses. In fact, rental yields in Auckland have been somewhat muted in recent months compared to the national average. All in all, indicators of market tightness in Auckland, and the rest of New Zealand for that matter, are running on the colder side of tepid, and that points to some downside risk around our house price forecast for a modest 3% rise in prices over 2024.

Gauging the housing pulse

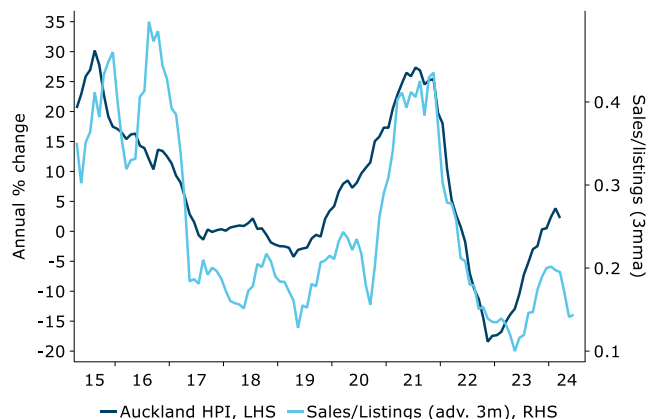
The REINZ house price index fell 0.5% m/m in March (ANZ seasonal adjustment), which saw quarterly growth come in at +0.7% q/q (3mma) over the first quarter vs our forecast of 1.1% q/q. Indeed, March delivered a weaker read on the housing market than expected, but was that noise, timing (we have been expecting some near-term price weakness), or is the market running significantly colder than we think?

Gauging the housing market's temperature in broad terms is relatively easy as we have a number of indicators that give us a sense for the balance between supply and demand. However, calibrating that into a super-accurate near-term house price forecast is the tricky part. We rely on a swathe of indicators to inform our near-term view, as no single measure lines up perfectly with house price inflation. Let's take a look at what these indicators are saying.

The ratio of sales to listings is a good place to start, as this measure reflects both supply (listings and inventories) and demand (sales). Depending on how you much you smooth the data (we often use a three-month moving average), this indicator can provide a three- to six-month lead on house price momentum.

Starting with Auckland (NZ's largest housing market) the Barfoot and Thompson data suggests the market is quite loose (figure 1) and that price momentum could soften a little further in the near term. Clearly the sales to listing ratio isn't a perfect match with annual house price inflation, but it does pick turning points more often than not.

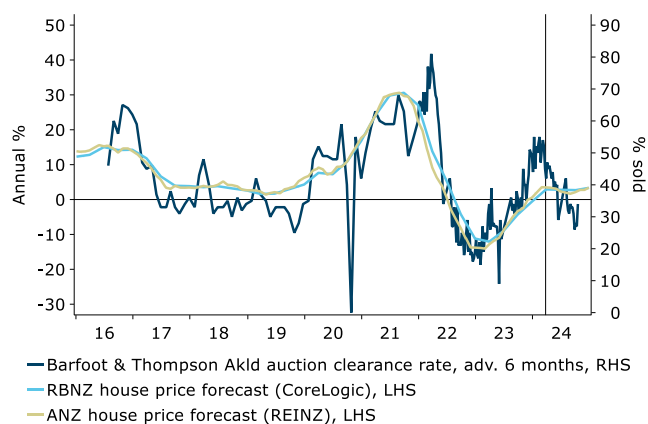
Figure 1. Auckland sales to listing ratio vs house prices



Source: REINZ, Barfoot & Thompson, Macrobond, ANZ Research

Auction clearance rates for Auckland provide a good sense check to the sales to listing ratio and can even provide a little more lead time on where prices may settle over the next few months. While clearance rates have been bouncing around quite a bit from week to week, the trend suggests the Auckland market will maintain a relatively weak price impulse over coming months (figure 2).

Figure 2. Auckland auction clearance rates

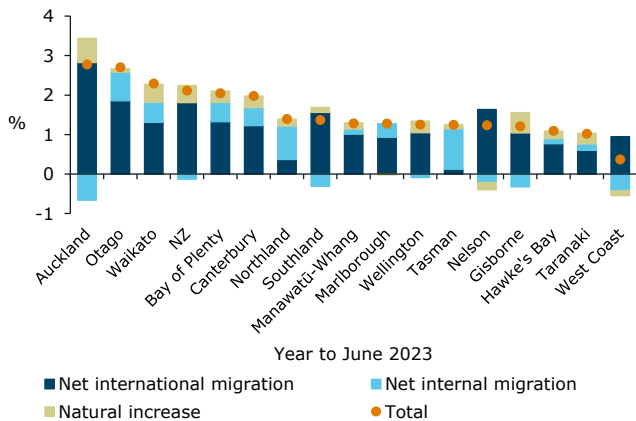


Source: CoreLogic, REINZ, B&T, interest.co.nz, Macrobond, ANZ Research

We're starting our analysis with Auckland because it's a particularly important market in the context of surging net migration inflows. As figure 3 shows, Auckland has been getting more than its fair share of net migrant inflows lately (which is not unusual). While most migrants don't go straight into home ownership when they first arrive in New Zealand, they do need a place to live.



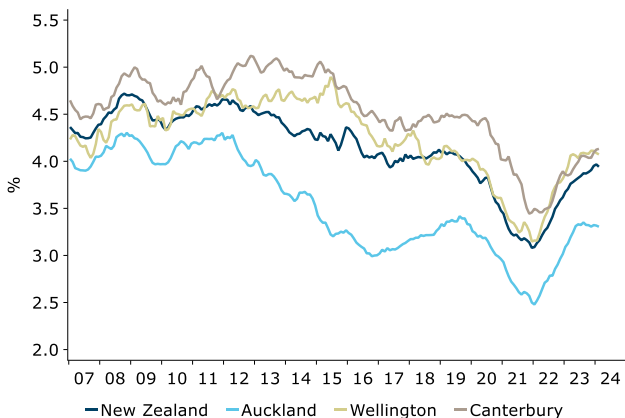
Figure 3. Population growth by region (year to June 2023)



Source: Stats NZ, Macrobond, ANZ Research

One way to gauge how much migration-led population growth might be bolstering housing demand (and therefore prices) is to look at rental yields. If migrants aren't buying, they're renting, and if rents are going up relative to house prices, higher rental yields may entice more investors into the market. However, despite Auckland getting the lion's share of net migrants, rental yields have remained broadly stagnant over the past year or so (figure 4). And compared to the national average, the change in Auckland's rental yields over the past year or so has underperformed. All else equal, that suggests Auckland has been doing a relatively good job of lifting rental supply alongside demand (we discuss how below), but at the same time it suggests rental yields are not about to drive a surge in investor demand for houses.

Figure 4. Rental yields by main region

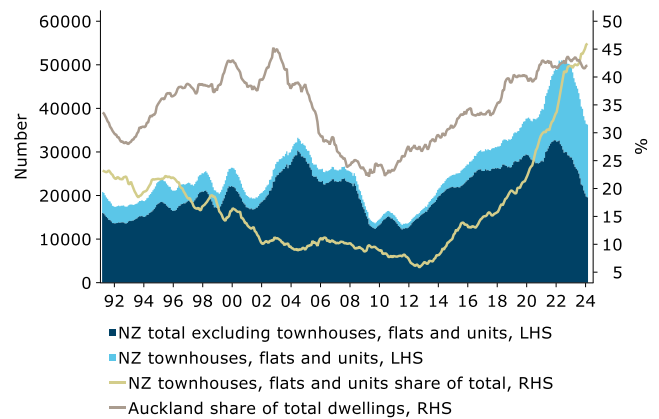


Source: REINZ, MBIE, Macrobond, ANZ Research

Residential building consents data shows that while the total number of consents issued have been falling in both Auckland and across NZ, the share of new consents for townhouses, flats, and units has continued to rise, making up less than 10% of total consents 10 years ago but accounting for more than

45% of residential dwelling consents as of March 2024. This rising trend is also evident in the Auckland data. Further, Auckland's share of total dwellings consented lifted to above 40% back in 2021 (above its average share) and has maintained a share above 40% ever since. The upshot: properties more likely to be suitable as first homes and rentals have been rising as a share of total consents, and Auckland has been a key part of that. This compositional shift in construction activity appears to have, at least in part and for the time being, offset the impacts of surging migration on rents.

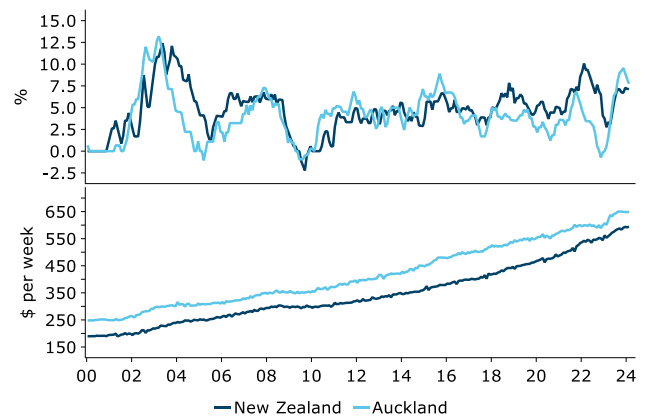
Figure 5. Annual consents by type



Source: Stats NZ, Macrobond, ANZ Research

But that's not to say Auckland isn't experiencing strong rental inflation currently – at above 7% y/y, weekly median rents inflation in Auckland is elevated. But this is following a period where the gap between Auckland rents and the national average had converged slightly by the end of 2022, with the recent acceleration in Auckland rents merely pushing that gap closer to historical norms. More recently, median rents in Auckland have tentatively plateaued, with annual rents inflation starting to slow (figure 6).

Figure 6. Rents: NZ vs Auckland



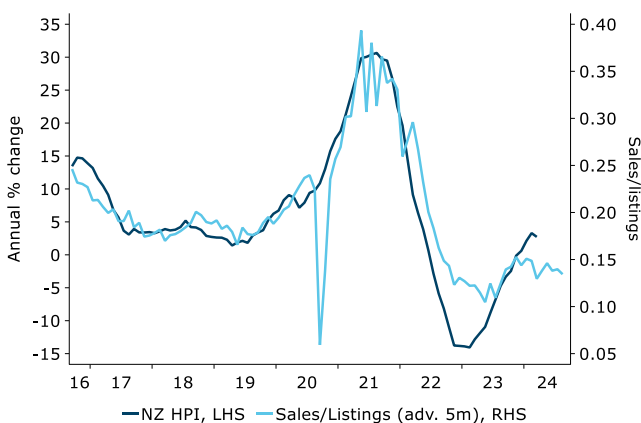
Source: MBIE, Macrobond, ANZ Research



As the adage goes, where the Auckland housing market goes, the rest of New Zealand tends to follow. All in all, we'd say key indicators of market tightness in Auckland are on the colder side, suggesting the near-term outlook for Auckland's housing market is quite soft, with prices even threatening to contract a little over the next few months. That's despite the surge in net migration that Auckland has had.

Broadening our analysis to the NZ-wide level provides a similar conclusion. Market tightness as defined by the sales to listing ratio (figure 7) suggests the housing market remains quite loose and that house price momentum will continue to track sideways for the next few months as rising inventories offset the modest pickup we've seen in sales in recent months.

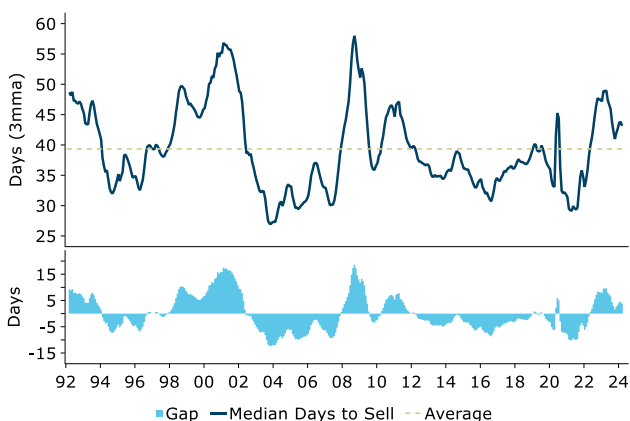
Figure 7. NZ-wide sales to listing ratio



Source: REINZ, realestate.co.nz, Macrobond, ANZ Research

The number of days it is taking houses to sell also provides a gauge on the tightness of the market. On a three-month moving average basis, it was taking about 4 days longer to sell a house in March compared to the historical average (figure 8). In Auckland, it was taking 7 days longer than average, 3 days longer than average in Wellington, and was about par with the historical average in Canterbury.

Figure 8. NZ-wide days to sell vs average



Source: REINZ, Macrobond, ANZ Research

Summing up, if you buy into the view that the Auckland market often leads the rest of NZ, then the signal across the market tightness indicators is that there's probably some downside risks brewing at the nation-wide level compared to what the nationwide indicators suggest, and possibly some downside risk to our forecast too.

Our take is that 2024 is shaping up to be yet another soggy year for house prices, but while we are expecting a little more weakness to come in the near term, we maintain our forecast that house prices will eke out a modest (3%) gain over 2024 as a whole.

But this view requires us to weigh up some heavy-hitting housing market drivers, many of which are pushing and pulling in opposite directions. That makes the outlook particularly uncertain. We break the moving parts into the following digestible categories:

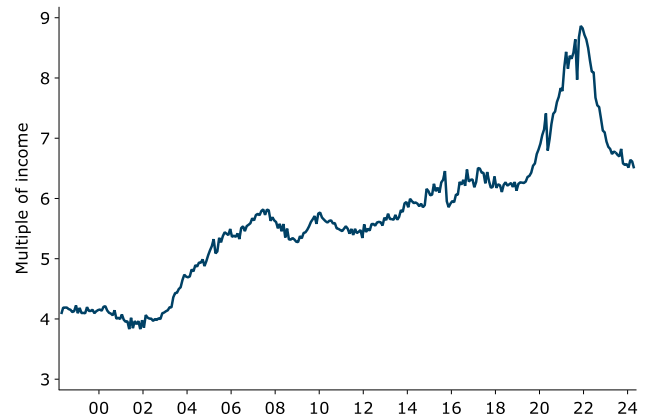
- **Macroeconomic drivers:** the key macroeconomic drivers pushing in opposite directions right now are a rising unemployment rate versus gradually falling fixed mortgage rates. Our forecast is for the unemployment rate to rise to a peak of 5.5% in late 2025, which will certainly cause some households to worry about their income prospects and therefore weigh on borrowing appetite. A rising unemployment rate also carries a risk that more households find themselves forced to sell because a decline in income means they can't service the mortgage. While this, unfortunately, is expected to happen to some extent (as it is a cold reality of business cycle dynamics), the question is whether or not it happens to a degree that tips the market into a downward spiral, with more listings hitting the market just as demand is pulling back.
- However, a negative tailspin of this nature would be more likely to materialise if it weren't for the fact that fixed mortgage rates are poised to fall from here. As shown in the table on page 10, our mortgage rate projections are for the 1-year rate to fall around 120bp between now and the end of 2025. While mortgage rates are expected to remain at a broadly restrictive level for a while yet, the change is expected to provide at least a partial offset to a loosening labour market.
- **Housing policy:** All up, the housing policy backdrop appears set to provide at least a partial offset to soft economic drivers. Of note, we think the reduction in the Bright Line Test to 2 years and the reinstatement of interest deductibility for landlords are going to have a net positive impact on housing demand. In the macroprudential space, the net impact of signalled debt-to-income restrictions and marginally looser LVR restrictions



are also expected to be a net positive for housing demand in the near term. The Government is also looking into ways to make building cheaper and easier, by cutting red tape with the aim of broadening the range of building materials available for construction. Freeing up more land for development is also part of the policy mix, but this doesn't look like it'll move the dial much on land values in the near term. Land makes up the lion's share of house prices, and freeing up more of it is probably the most potent medicine we have to treat housing unaffordability. But it's very political, with big trade-offs and differing opinions to contend with regarding urban sprawl, land banking, who should foot the bill for key infrastructure, productive use of land, climate change etc.

- **Supply fundamentals:** Construction activity is not keeping pace with population growth, meaning New Zealand's housing deficit is widening. While rental yields are barely moving, there's no skirting around the fact that NZ needs more houses, and that in the long run if we don't build them, prices will end up higher than otherwise. Our model (which has a very wide uncertainty band) suggests the housing deficit is widening to the tune of over 5000 dwellings per quarter and that over the past five quarters alone the cumulative deficit is close to 30k dwellings. With construction activity still slowing, and population growth elevated, it's hard to see this turning around in a hurry.
- **Affordability:** While it can often be tempting to look at changes in mortgage rates and rapid population growth alongside terrible housing supply fundamentals as good reasons why house prices are likely to rise, it's important to remember the broader context that housing in New Zealand is unaffordable. We'll have more to say on housing affordability in an upcoming feature, including a number of ways to say much the same thing: housing affordability, while off its recent highs, remains dire relative to history.

Figure 9. Ratio of house prices to household income

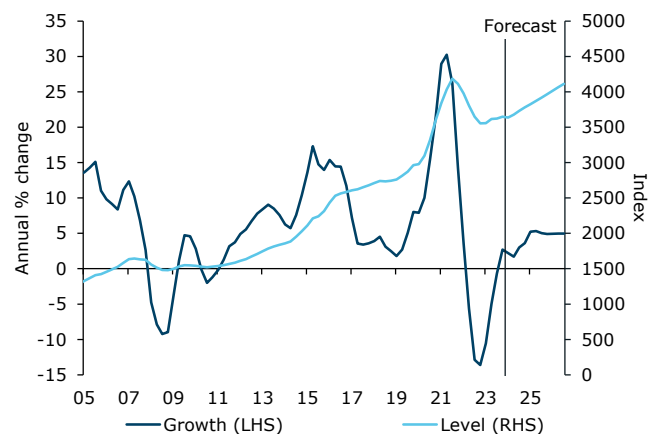


Source: Stats NZ, Macrobond, ANZ Research

- **Animal spirits:** Like all things economics, working out how sentiment is likely to evolve in a market can take you a long way in predicting price dynamics. Are perceptions of competition and scarcity about to take off, leading to a breakout in prices from their typical drivers, or perhaps market participants are about to get spooked, and try to sell up before the market really starts to deteriorate. Anecdote and related business survey data suggest neither of these scenarios are occurring right now, but if they were, we (and every other forecaster) would struggle to quantify that into an impact on house prices, particularly given all the other moving parts.

All in all, our house price outlook nets out a lot of uncertain (and likely time-varying) drivers. Near-term indicators suggest there is some modest downside risk to our forecast, but we continue to see scope for a modest lift in prices this year overall (even if prices slide a little in the very near term).

Figure 10. House price forecast



Source: REINZ, Macrobond, ANZ Research



Housing market indicators for March 2024 (based on REINZ data seasonally adjusted by ANZ Research)

	Median house price			House price index		Sales		Average days to sell
	Level	Annual % change	3-mth % change	Annual % change	3-mth % change	# of monthly sales	Monthly % change	
Northland	\$674,598	-0.1	11.1	0.1	0.5	144	-5%	59
Auckland	\$1,036,797	5.3	0.9	2.2	0.4	1,728	-15%	41
Waikato	\$760,021	3.1	1.1	-0.5	0.6	608	+12%	51
Bay of Plenty	\$782,031	-3.8	-2.6	1.7	-0.7	377	+3%	47
Gisborne	\$586,914	-1.1	1.8	3.0	-0.3	46	+6%	49
Hawke's Bay	\$710,068	8.3	3.2	3.0	-0.3	207	+4%	44
Manawatu-Whanganui	\$543,967	4.1	2.2	0.9	0.8	275	+1%	46
Taranaki	\$591,263	-0.2	0.8	1.6	0.7	143	+13%	47
Wellington	\$799,976	9.4	0.6	4.9	0.7	647	0%	39
Tasman, Nelson & Marlborough	\$734,828	1.2	3.1			205	-11%	43
Canterbury	\$678,672	2.1	0.3	4.4	1.4	931	-2%	35
Otago	\$694,133	4.9	2.9	7.3	2.4	321	-11%	44
West Coast	\$360,703	4.9	-4.1	2.3	1.3	39	+34%	58
Southland	\$439,464	-1.1	1.5	4.4	2.4	146	-4%	40
New Zealand	\$790,581	2.7	1.5	2.7	0.7	5,802	-4%	41



Mortgage borrowing strategy

This is not 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 are little changed on average across the four bigger banks this month, but the tweaks that have been seen have generally been falls. With wholesale rates at the upper end of trading ranges seen year-to-date, those falls likely reflect more intense competition among banks as loan growth slows. While that's good news for borrowers, further and meaningful falls from here will likely require wholesale rates to fall, and given sticky inflation, that looks like a story for late this year or early next year, rather than an imminent prospect. We continue to envisage lower mortgage rates, but we would caution that they may not fall as quickly as they need to for it to be cheaper fixing for, say, 1 year rather than 2 years. There isn't much in it but given that middle-duration terms like 2 and 3yr are already a lot cheaper than 1yr, we still see some merit in fixing for a little longer, and potentially across a mix of terms.

Mortgage rates are little changed again this month, and as noted in our summary, where there have been changes, they have tended to be falls that look like they have been fuelled by competitive pressures rather than falls in wholesale rates, as the latter are higher, not lower compared to last month.

Given the slope of the mortgage curve, it pays to consider fixing for longer, where rates tend to be lower. Those wanting flexibility may also want to consider fixing for 6 months as a proxy, as that remains vastly cheaper than carded floating rates.

But with rates falling for competitive reasons, rather than because wholesale rates are lower (because as noted, they are generally higher!), a good question to ask is: when might we see lower wholesale rates, if this is what could open the door to meaningfully lower mortgage rates? Against a backdrop of sticky domestic inflation and the RBNZ's assessment that it thinks it'll likely be appropriate to maintain the OCR "at a restrictive level for a sustained period", it's a good question.

The short answer is that falls in wholesale rates do lie ahead, in our view, but they may not fall as fast as borrowers wish. We say that because financial markets are already pricing in a 25bp OCR cut by November. While growth has slowed, and in some sectors, sharply, for the RBNZ it's all about inflation, and earlier or more aggressive OCR cuts are only likely to get delivered if we see more concrete signs of progress towards the RBNZ's 2% inflation target.

We think that will happen, but not until early 2025 rather than 2024, and that's why our forecasts envisage wholesale interest rates falling more slowly than markets are pricing in, and thus what's implied by the term structure of interest rates.

How quickly rates fall matters crucially for borrowers considering for how long to fix, and as with last month, our breakeven analysis suggests that it is worth considering fixing for perhaps 2 or 3yrs, rather than only 6mths or 1yr, because those longer terms are already cheaper, and come with implied falls built in. Consider, say, the choice between fixing for 1yr (with the intention to re-fix in 1yr) or fixing for 2yrs. As table 1 shows, for back-to-back 1yr fixes to work out cheaper than fixing for 2 years at 6.77%, the 1yr rate needs to fall from 7.25% to 6.29% or below in a year's time. As with last month, that's a little more than we are projecting (based on our wholesale rate forecasts, we see it at around 6.6% in a year's time). Mathematically, that suggests that the longer 2yr fix may be a better choice, and it's because it's 0.48% cheaper. Borrowers who think rates will fall faster than we project, or don't want the regret that might go with fixing at what they perceive might prove to be "the top" may still want to fix for just 1yr, but doing the maths is often helpful, nonetheless. Fixing for a mix of terms can spread risk and avoid having everything coming up for renewal at the same time, which can be stressful, and may deprive you of opportunities to fix for other terms in the meantime.

Figure 1. Carded special mortgage rates[^]

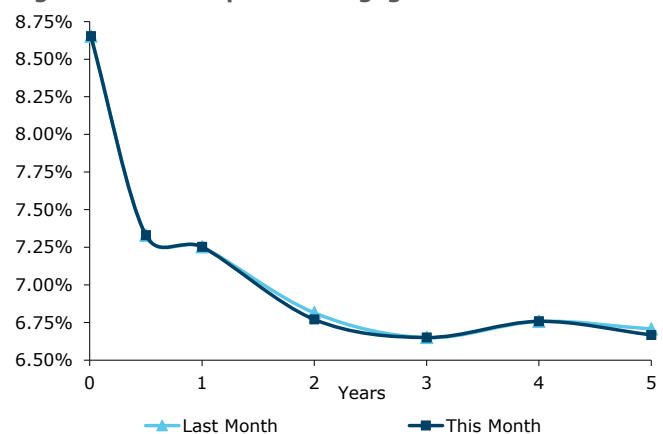


Table 1. Special Mortgage Rates[#]

Term	Breakevens for 20%+ equity borrowers				
	Current	in 6mths	in 1yr	in 18mths	in 2 yrs
Floating	8.65%				
6 months	7.33%	7.18%	6.21%	6.37%	6.47%
1 year	7.25%	6.69%	6.29%	6.42%	6.41%
2 years	6.77%	6.56%	6.35%	6.55%	6.75%
3 years	6.65%	6.60%	6.59%	6.62%	6.60%
4 years	6.76%	6.64%	6.52%		
5 years	6.67%	#Average of "big four" banks			

Source: interest.co.nz, ANZ Research.



Key forecasts

Weekly mortgage repayments table (based on 30-year term)

	Mortgage Rate (%)													
	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75
200	262	269	277	284	292	299	307	315	323	330	338	347	355	363
250	327	336	346	355	364	374	384	393	403	413	423	433	443	454
300	393	404	415	426	437	449	460	472	484	496	508	520	532	544
350	458	471	484	497	510	524	537	551	564	578	592	606	621	635
400	524	538	553	568	583	598	614	629	645	661	677	693	709	726
450	589	606	622	639	656	673	690	708	726	744	762	780	798	816
500	655	673	691	710	729	748	767	787	806	826	846	866	887	907
550	720	740	760	781	802	823	844	865	887	909	931	953	975	998
600	786	807	830	852	875	897	921	944	968	991	1,015	1,040	1,064	1,089
650	851	875	899	923	947	972	997	1,023	1,048	1,074	1,100	1,126	1,153	1,179
700	917	942	968	994	1,020	1,047	1,074	1,101	1,129	1,157	1,185	1,213	1,241	1,270
750	982	1,009	1,037	1,065	1,093	1,122	1,151	1,180	1,209	1,239	1,269	1,299	1,330	1,361
800	1,048	1,077	1,106	1,136	1,166	1,197	1,227	1,259	1,290	1,322	1,354	1,386	1,419	1,452
850	1,113	1,144	1,175	1,207	1,239	1,271	1,304	1,337	1,371	1,404	1,438	1,473	1,507	1,542
900	1,178	1,211	1,244	1,278	1,312	1,346	1,381	1,416	1,451	1,487	1,523	1,559	1,596	1,633
950	1,244	1,278	1,313	1,349	1,385	1,421	1,458	1,495	1,532	1,570	1,608	1,646	1,685	1,724
1000	1,309	1,346	1,383	1,420	1,458	1,496	1,534	1,573	1,613	1,652	1,692	1,733	1,773	1,814

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

	Actual			Projections						
Interest rates	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25	Dec-25
Floating Mortgage Rate	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.4	8.2	7.9
1-Yr Fixed Mortgage Rate	7.2	7.3	7.2	7.2	7.1	7.0	6.7	6.4	6.2	6.0
2-Yr Fixed Mortgage Rate	6.9	7.0	6.8	6.5	6.4	6.3	6.2	6.0	5.9	5.8
3-Yr Fixed Mortgage Rate	6.7	6.8	6.6	6.4	6.4	6.3	6.2	6.1	6.0	5.9
5-Yr Fixed Mortgage Rate	6.5	6.7	6.5	6.3	6.3	6.2	6.1	6.0	5.9	5.9

Source: RBNZ, ANZ Research

Economic forecasts

	Actual			Forecasts						
Economic indicators	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25
GDP (Annual % Chg)	1.5	-0.6	-0.3	0.3	0.0	0.6	1.0	1.1	1.3	1.6
CPI Inflation (Annual % Chg)	6.0	5.6	4.7	4.0(a)	3.4	2.6	2.4	2.1	2.0	1.9
Unemployment Rate (%)	3.6	3.9	4.0	4.2	Under review					
House Prices (Quarter % Chg)	0.2	1.6	0.2	0.7	-0.4	1.1	1.5	1.3	1.2	1.2
House Prices (Annual % Chg)	-10.6	-5.0	-0.7	2.7	2.2	1.7	3.0	3.6	5.2	5.3

Interest rates	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25	Dec-25
Official Cash Rate	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.25	5.00	4.75
90-Day Bank Bill Rate	5.74	5.64	5.64	5.54	5.49	5.44	5.39	5.20	4.95	4.70
10-Year Bond	5.31	4.32	4.99	4.75	4.50	4.25	4.25	4.25	4.25	4.25

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 9 357 4094
Email: sharon.zollner@anz.com

General enquiries:
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



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



Miles Workman
Senior Economist

Macroeconomic forecast co-ordinator, economic developments, GDP and activity dynamics, fiscal and monetary policy.

Telephone: +64 21 661 792
Email: miles.workman@anz.com



Henry Russell
Economist

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

Telephone: +64 21 629 553
Email: henry.russell@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



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

Important notice

Last updated: 20 February 2024

The opinions and research contained in this document (in the form of text, image, video or audio) are (a) not personal financial advice nor financial advice about any product or service; (b) provided for information only; and (c) general in nature and do not take into account your financial situation or goals.

This document may be restricted by law in certain jurisdictions. Recipients must observe all relevant restrictions.

Disclaimer for all jurisdictions: This document is prepared by ANZ Bank New Zealand Limited (ANZ Centre, 23-29 Albert Street, Auckland 1010, New Zealand). This document is distributed in your country/region by Australia and New Zealand Banking Group Limited (ABN11 005 357 522) (**ANZ**), a company incorporated in Australia or (if otherwise stated), by its subsidiary or branch (herein collectively referred to as **ANZ Group**). The views expressed in it are those of ANZ Economics and Markets Research, an independent research team of ANZ Bank New Zealand Limited.

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 in it is intended to be an invitation, solicitation or offer by ANZ Group 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 Group would be subject to additional licensing or registration requirements. Further, any products and services mentioned in this document may not be available in all countries.

ANZ Group in no way provides any personal 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 and made on reasonable grounds on the date it was published, ANZ Group does not represent or warrant the accuracy or completeness of the information. Further, ANZ Group 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.

This document may contain forward looking statements or opinions including statements regarding our intent, belief or current expectations regarding economic and market conditions, financial instruments and credit markets. Such statements are usually predictive in character, may not be accurate once the future becomes known and should not be relied upon when making investment decisions. Past performance is not a reliable indicator of future performance. ANZ does not accept any responsibility to inform you of any revisions to these forward-looking statements to reflect events or circumstances occurring after the date of 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 Group 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. Any 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 Group 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. The contents of this document have not been reviewed by any regulatory body or authority in any jurisdiction.

ANZ Group may have an interest in the subject matter of this document. They may receive fees from customers for dealing in any 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 any 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 Group's policies on conflicts of interest and ANZ Group maintains appropriate information barriers to control the flow of information between businesses within the group.

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

Australia. ANZ holds an Australian Financial Services licence no. 234527. For a copy of ANZ's Financial Services Guide please [click here](#) or request from your ANZ point of contact.

Brazil. This document is distributed on a cross border basis and only following request by the recipient. No securities are being offered or sold in Brazil under this document, and no securities have been and will not be registered with the Securities Commission - CVM.

Brunei, 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.

Canada. This document is general information only, is intended for institutional use only – not retail, and is not meant to be tailored to the needs and circumstances of any recipient. In addition, this document is not intended to be an offer or solicitation to purchase or sell any security or other financial instrument or to employ a specific investment strategy.

Chile. You understand and agree that ANZ is not regulated by Chilean Authorities and that the provision of this document is not subject to any Chilean supervision and is not guaranteed by any regulatory or governmental agency in Chile.

Important notice

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 document 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 document have not been reviewed by any regulatory authority in Hong Kong. If you are in any doubt about any of the contents of this document, you should obtain independent professional advice.

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.

Israel. ANZ is not a holder of a licence granted in Israel pursuant to the Regulation of Investment Advising, Investment Marketing and Portfolio Management Law, 1995 ("Investment Advice Law") and does not hold the insurance coverage required of a licensee pursuant to the Investment Advice Law. This publication has been prepared exclusively for Qualified Clients as such term is defined in the First Schedule to the Investment Advice Law. As a prerequisite to the receipt of a copy of this publication a recipient will be required to provide confirmation and evidence that it is a Qualified Client. Nothing in this publication should be considered Investment Advice or Investment Marketing as defined in the Investment Advice Law. Recipients are encouraged to seek competent investment advice from a locally licensed investment adviser prior to making any investment.

Macau. Click [here](#) to read the disclaimer for all jurisdictions in Mandarin. 澳门. 点击[此处](#)阅读所有司法管辖区的免责声明的中文版。

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

New Zealand. This document is distributed in New Zealand by ANZ Bank New Zealand Limited. The material is for information purposes only and is not financial advice about any product or service. We recommend you seek 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 (**CBO**) or Oman's Capital Market Authority (**CMA**). 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. So, 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.

Peru. The information contained in this document has not been, and will not be, registered with or approved by the Peruvian Superintendency of the Securities Market (Superintendencia del Mercado de Valores, **SMV**) or the Lima Stock Exchange (Bolsa de Valores de Lima, **BVL**) or under the Peruvian Securities Market Law (Legislative Decree 6 861), and will not be subject to Peruvian laws applicable to public offerings in Peru. To the extent this information refers to any securities or interests, it should be noted the securities or interests may not be offered or sold in Peru, except if (i) such securities or interests were previously registered with the Peruvian Superintendency of the Securities Market, or (ii) such offering is considered a private offering in Peru under the securities laws and regulation of Peru.

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. To the extent that this document contains any statements of opinion and/or recommendations related to an investment product or class of investment product (as defined in the Financial Advisers Act 2001), this document is distributed in Singapore by 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 2001 of Singapore). ANZ is licensed in Singapore under the Banking Act 1970 of Singapore and is exempted from holding a financial adviser's licence under Section 23(1)(a) of the Financial Advisers Act 2001 of Singapore. In respect of any matters arising from, or in connection with, the distribution of this document in Singapore, please speak to your usual ANZ contact in Singapore.

Important notice

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**). 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 Kingdom. 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 Financial Conduct Authority (**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 considers this document to constitute an Acceptable Minor Non-Monetary Benefits (**AMNMB**) under the relevant inducement rules of 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.

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) 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 our website or have otherwise received this document and are a US Person who is an individual: to avoid loss, you should cease to use our 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 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 a 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: +1 212 801 916 0 Fax: +1 212 801 9163).

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