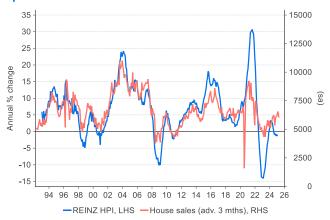


At a glance

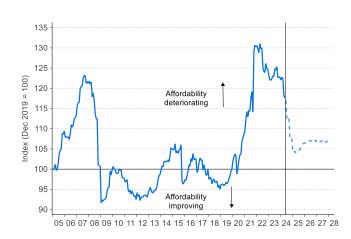
Sales volumes fell in January, but the upward trend remains intact...



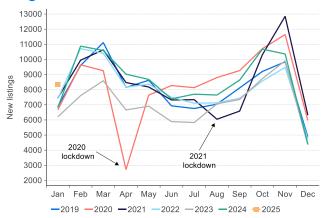
...keeping the level of stock on the market elevated.



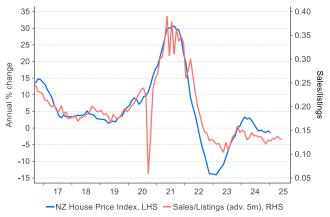
Purchasing affordability has improved...



... while the number of new listings surged...



Momentum suggests muted house price growth in the near term.



... but continues to limit scope for a sharp recovery in house prices.



Source: REINZ, realestate.co.nz, Stats NZ, RBNZ, 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. ISSN 2624-1439

Publication date: 27 February 2025





Contact

Sharon Zollner, Henry Russell, 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	Ś
Weekly Mortgage Repayment Table	10
Mortgage Rate Forecasts	10
Economic Forecasts	10
Important Notice	12

Confused by acronyms or jargon? See a glossary <u>here</u>.

ISSN 2624-0629

Publication date: 27 February 2025

Summary

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

Property Focus

The housing market started 2025 where it left off in 2024. House prices lifted modestly in January; sales volumes dipped but the upward trend remains in place. Supply is responding to firmer demand: new listings surged in January. That will keep the level of stock on the market elevated and restrain house price growth in the near term. We continue to expect momentum to build over the year ahead, with the recovery to accelerate in the second half of the year. While purchasing affordability has improved, enabling a recovery, affordability remains very stretched compared to history. That's likely to limit the extent to which house prices can outpace incomes in the medium term, provided new housing supply picks up moving forward. See our Property Focus.

Mortgage Borrowing Strategy

Mortgage rates are lower across the board this month, with the exception of the 4-year, which didn't change. The biggest falls were seen in floating and 2-year rates, which fell 0.50%pts and 0.45%pts respectively. These falls are likely music to the proverbial ears of borrowers, especially those who were on floating or a short-term rate, waiting for the opportunity to fix for longer at lower rates. The broad tone of personal financial media articles has shifted markedly over the past month, and having seen the latest falls, many are suggesting that mortgage rates may not go a lot lower, and rates just below 5% may be as good as it gets. While there are caveats (the future is always uncertain!), we generally agree with the sentiment, and see merit in considering fixing a portion of debt for 2 years at current levels. Not only is the 2-year the low point; it strikes a good balance between being fixed for long enough to provide certainty and not being locked in for so long that you may regret it for some reason (eg were the economy to sour and interest rates keep falling). Based on our wholesale interest rate forecasts, we are projecting small further falls in mortgage rates, but we would note that margins are at the tight end of historic ranges, and as such, falls in wholesale rates from here may not have as much of an impact on mortgage rates. See our Mortgage Borrowing Strategy.

Summary

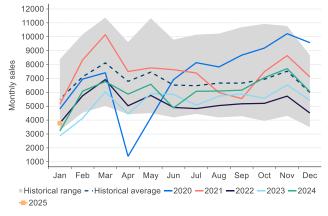
The housing market started 2025 where it left off in 2024. House prices lifted modestly in January; sales volumes dipped but the upward trend remains in place. Supply is responding to firmer demand: new listings surged in January. That will keep the level of stock on the market elevated and restrain house price growth in the near term. We continue to expect momentum to build over the year ahead, with the recovery to accelerate in the second half of the year. While purchasing affordability has improved, enabling a recovery, affordability remains very stretched compared to history. That's likely to limit the extent to which house prices can outpace incomes in the medium term, provided new housing supply picks up moving forward.

Paving the road to recovery

The REINZ House Price Index rose 0.1% m/m (sa) in January, marking a third consecutive monthly increase. That's consistent with the market having stabilised, but underlying momentum remains subdued and we don't expect to see a meaningful upswing in prices until later this year.

Sales volumes continue to trend higher. While there was a 1.6% m/m (sa) fall in the month of January, sales volumes over history were revised higher, providing a partial offset. Indeed, volumes in December were up around 9.6% on what was initially reported. Underreporting of sales volumes in the initial release isn't unusual at all, and we certainly wouldn't be surprised if January volumes were revised higher too, given they are near the low of the historical range for this time of year (figure 1).

Figure 1. Sales volumes vs long run historic average



Source: REINZ, Macrobond, ANZ Research

Looking through the monthly volatility, the upward trend in sales volumes that has been in place since September remains intact (figure 2). Sales volumes tend to give a 3-month lead on changes in house price momentum, and as figure 2 shows, at face value the lift to date suggests house prices are set to rise moving forward. However, housing demand is just one side of the equation for house prices.

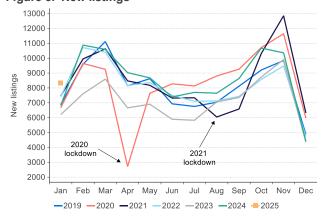
Figure 2. Sales volumes vs house prices



Source: REINZ, Macrobond, ANZ Research

Importantly, housing supply is also moving in response, with a surge in new listings coming onto the market in January. That's the highest flow for this time of year going back to 2015, suggesting improved confidence in market liquidity for those looking to trade up or down.

Figure 3. New listings



Source: REINZ, Macrobond, ANZ Research

The surge in new listings in January saw total housing market inventory lift to around the highest level in nearly a decade. Given the backlog of stock currently sitting on the market, house price momentum is likely to be fairly muted in the near term.

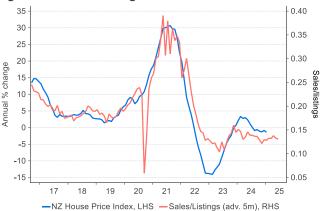
Figure 4. Total housing market inventory



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

The sales-to-listings ratio is a useful indicator of heat in the housing market and tends to give a 3-6 month lead on house price momentum. The nationwide sales-to-listing ratio has stabilised in recent months, but it certainly isn't suggesting the market is going anywhere fast.

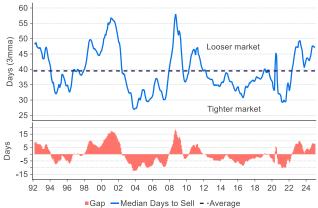
Figure 5. Sales-to-listings ratio



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

The median number of days it is taking a property to sell has also stabilised, falling by 1 in January to 47 (sa). While that remains a long way north of the historic average of 39, signalling a "loose" market, the 3-month moving average is off recent highs. At 49 days, houses in Auckland and Wellington are taking longer to sell than the nationwide median, which is unusual compared to history. In both regions, houses are taking 12 days longer to sell than their respective historic average, the widest gap for all the regions we monitor.

Figure 6. Days to sell



Source: REINZ, Macrobond, ANZ Research

All up, January's data were broadly in line with our expectations and consistent with our forecast for house prices to rise 6% over 2025.

This month the RBNZ delivered another 50bp cut to take the OCR to 3.75%. The RBNZ's accompanying Statement signalled further cuts to come, with the RBNZ increasingly confident in the inflation outlook. The RBNZ's OCR projection bottoms out at around 3.1%, signalling a 25bp-

per-meeting pace of cuts in the near term. On the back of the RBNZ's decision, we have updated our OCR forecast. We now expect three more 25bp cuts from the RBNZ, which would see the OCR reduced to 3.0% by July. Given the RBNZ's central estimate of the neutral OCR is 3%, and our economic forecasts are similar to the RBNZ's (including our house price forecast), that's a reasonable baseline forecast, given the RBNZ's clearly expressed confidence in the medium-term inflation outlook. Of course, the OCR could well bottom out higher or lower than 3%: we outlined the two-sided risks around our updated OCR forecast in this note.

Our updated mortgage rate projections, based on our wholesale interest rate forecasts, observed margins, and the behaviour of other inputs like deposit rates, show mortgages rates across most tenors falling to around 5% by the middle of this year, although longer tenors, which are more influenced by global interest rates than the RBNZ's monetary policy, are expected to remain a little higher due to ongoing concerns over the sustainability of US fiscal policy and the potential inflationary consequences of US trade policy.

Figure 7. ANZ mortgage rates projections

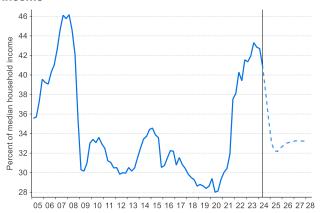


Source: RBNZ, Macrobond, ANZ Research

Lower mortgage rates have significantly reduced the debtservicing constraint for new borrowers. Expressed as a share of household income, figure 8 (over the page) shows the cost of servicing a home loan (principal and interest) based on a loan-to-value ratio of 80% of the median house price, the rolling 1-year mortgage rate, and the loan documented over 30 years. This measure of affordability can be thought of as a proxy for what affordability might look like to a new entrant to the housing market.

While the forecast period in figure 8 technically starts from the June-24 quarter (when annual median household income was last released), based on our mortgage rate, house price and income forecasts, debt servicing as a share of the median household income will fall to around 32% across the first half of 2025. That's still above the level that prevailed in the decade prior to COVID, but well down on the previous peak of 43% reached in 2023.

Figure 8. Debt servicing costs share of median household income



Source: REINZ, Stats NZ, RBNZ, Macrobond, ANZ Research

Reflecting the subdued house price performance over recent years, the median house price to median household income ratio has also fallen (figure 9). Our forecast shows the ratio has fallen to around the level that prevailed over the second half of last decade, well down from the extraordinary highs seen during the COVID boom.

Figure 9. Median house price to income ratio

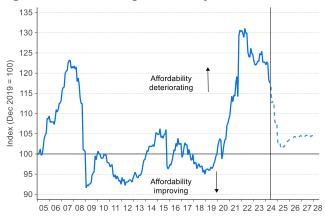


Source: REINZ, Stats NZ, RBNZ Macrobond, ANZ Research

Putting together these two measures, our ANZ affordability index (which puts even weights on the debt-servicing share and the house price to income ratio) provides a generalised measure of housing affordability (figure 10). Based on our forecast for mortgage rates, house prices and income growth, our affordability index is currently near its forecast low, though it still shows the housing market to be slightly less affordable now compared to pre-COVID.

Indeed, despite the relative improvement, affordability in the absolute sense is still very stretched. While the relative improvement will enable a recovery over 2025, into the medium term it's likely to limit the extent to which house price growth can persistently outpace income growth.

Figure 10. ANZ Housing Affordability Index

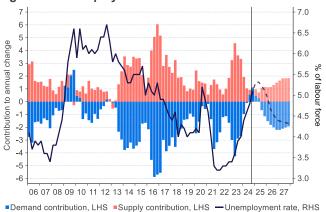


Source: REINZ, Stats NZ, RBNZ Macrobond, ANZ Research

An improving broader economic backdrop is also likely to support the housing market recovery over the year ahead. This month we published our latest Quarterly Economic Outlook, outlining that the conditions are in place for a recovery moving forward. While it is likely to be gradual at first, with labour market conditions still adjusting to past weakness in the economy, the recent dataflow continues to offer encouragement that a recovery is underway.

Labour market conditions and household confidence more broadly are important drivers of the housing market. While unemployment is likely yet to peak, with our forecast showing the unemployment rate rising to 5.3% across the first half of 2025 (from 5.1% currently), monthly filled jobs data has signalled that employment growth has returned, and business surveys show firms' employment intentions have picked up. As household job security fears subside and confidence recovers, households currently sitting on the sidelines of the housing market may be drawn in, supporting demand.

Figure 11. Unemployment rate forecast contribution



Source: Stats NZ, Macrobond, ANZ Research

All up, and despite the housing market starting the year in "loose market" territory, lower interest rates and an improving economic backdrop are supporting a gradual recovery. Looking further ahead, we're forecasting house

prices to rise 5% over 2026, slightly outpacing income growth, before growth stabilises at 4.5% over 2027, in line with our forecast for household income growth.

Figure 12. ANZ house price forecast

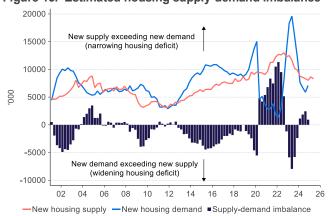


Source: REINZ, Macrobond, ANZ Research

Into the medium term, once the economic cycle has washed through, the key driver of house price growth is the relative housing supply-demand imbalance. A significant driver of outsized relative house price gains in New Zealand over history has been the failure of new housing supply to keep pace with population growth.

Our estimated housing supply-demand imbalance shows the persistent widening in New Zealand's housing deficit prior to COVID (figure 12). However, during the early COVID period, with the closed border curtailing population growth while ultra-low interest rates stimulated a rapid construction boom, New Zealand's housing deficit narrowed considerably. That certainly doesn't align with the extraordinary house price boom that New Zealand also experienced during that time, highlighting that the housing market can detach from demand-supply fundamentals when "animal spirits" come to the fore.

Figure 13. Estimated housing supply-demand imbalance



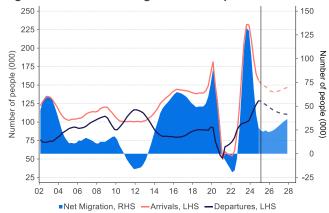
Source: Stats NZ, Macrobond, ANZ Research

But the progress made through the early COVID years didn't last. As the border reopened and net migration surged just as restrictive interest rate settings weighed on

construction activity, New Zealand's housing deficit began to widen once again.

Encouragingly, from a housing affordability perspective at least, new housing supply has recently been outpacing demand once again, reflecting slower population growth. Net migration inflows have fallen sharply over recent quarters as New Zealand's deteriorating labour market has seen arrivals slow, while departures have ramped up as more kiwis look for job opportunities offshore, particularly in Australia.

Figure 14. Annual net migration assumption



Source: Stats NZ, Macrobond, ANZ Research

Our forecast assumes annual net migration inflows remain around current levels over the year ahead before beginning to rise towards the long-run average in 2026 as the economy and labour market recover. As such, the cyclical fall in net migration inflows isn't likely to be a long-term fix for reducing the housing shortfall. We need to build more houses.

Figure 15. Annual building consents issuance



Source: Stats NZ, Macrobond, ANZ Research

On that front, while annual consents issuance has fallen sharply from its previous highs, the downtrend has stabilised in recent months. Residential construction intentions in our Business Outlook survey lifted sharply over the second half of 2024 and are firmly positive, boding well for the recovery kicking on over the year ahead.

Policy settings have a role to play too, through freeing up more land for development. That has been the direction of travel over the past decade, and progress has been made, but more is needed. But it's not just about freeing up more land. New development requires supporting infrastructure and given the current infrastructure deficit and council budget constraints, there's no quick fix.

Housing market indicators for January 2025 (based on REINZ data seasonally adjusted by ANZ Research)

	Me	dian house pri	ce	House pr	ice index	Sa	Average	
	Level	Annual % change	3-mth % change	Annual % change	3-mth % change	# of monthly sales	Monthly % change	days to sell
Northland	\$693,916	-8.7	5.2	-3.5	-0.9	161	-8%	58
Auckland	\$998,206	-2.2	1.9	-2.2	0.6	1,747	-8%	49
Waikato	\$734,934	-3.7	-2.7	-2.1	-0.1	647	+4%	53
Bay of Plenty	\$840,682	7.7	2.8	-1.0	0.7	381	-6%	51
Gisborne	\$662,284	27.1	-1.3	0.2	-0.3	37	+53%	51
Hawke's Bay	\$679,062	-1.0	3.5	0.2	-0.3	206	-1%	54
Manawatu-Whanganui	\$546,969	2.9	2.2	-0.6	0.0	281	-3%	46
Taranaki	\$601,262	-0.5	-1.6	1.4	0.0	142	-1%	43
Wellington	\$778,497	-1.3	-3.0	-4.5	-0.5	584	-1%	49
Tasman, Nelson & Marlborough	\$755,255	2.9	2.5			206	+2%	46
Canterbury	\$700,051	4.3	1.6	0.4	-0.2	1,020	+2%	42
Otago	\$671,738	-1.1	0.5	1.0	-0.1	364	-8%	43
West Coast	\$383,464	9.4	-3.6	1.1	0.0	37	+2%	66
Southland	\$484,322	7.4	3.0	1.7	8.0	148	+9%	43
New Zealand	\$769,340	-1.6	-0.7	-1.4	0.2	6,034	-1%	47

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 lower across the board this month, with the exception of the 4-year, which didn't change. The biggest falls were seen in floating and 2-year rates, which fell 0.50%pts and 0.45%pts respectively. These falls are likely music to the proverbial ears of borrowers, especially those who were on floating or a short-term rate, waiting for the opportunity to fix for longer at lower rates. The broad tone of personal financial media articles has shifted markedly over the past month, and having seen the latest falls, many are suggesting that mortgage rates may not go a lot lower, and rates just below 5% may be as good as it gets. While there are caveats (the future is always uncertain!), we generally agree with the sentiment, and see merit in considering fixing a portion of debt for 2 years at current levels. Not only is the 2-year the low point; it strikes a good balance between being fixed for long enough to provide certainty and not being locked in for so long that you may regret it for some reason (eg were the economy to sour and interest rates keep falling). Based on our wholesale interest rate forecasts, we are projecting small further falls in mortgage rates, but we would note that margins are at the tight end of historic ranges, and as such, falls in wholesale rates from here may not have as much of an impact on mortgage rates.

Thoughts and views

Changes in mortgage rates this month are likely to have been music to the proverbial ears of many borrowers, especially as the biggest falls (in fixed rates) were seen in the 1-year to 3-year part of the curve, which have been popular choices in the past when mortgage rates have come down. Floating fell further, but it is a lot more expensive (the average floating rate is almost 2% more expensive than the average 2-year rate), and borrowers who have been waiting for mortgage rates to fall before fixing now have the opportunity to extend term.

Reserve Bank data shows that over the last three months of last year the most popular choice was the 1-year (which accounted for 34% of mortgage flow), followed by floating (32%), followed by 6-months (26%). That's a lot of borrowers who chose to shorten how long they were fixed for (or moved to floating), and they are now well placed to make a decision on what to do next, either now or over coming months.

For those who are floating or are about to roll off a fixed term, we see merit in considering fixing a portion of debt now. Bird in the hand, as it were. Because we expect wholesale swap rates to fall as the OCR approaches 3%, we do see mortgage rates falling a little further. However, as mortgage margins have narrowed sharply already (especially for the 2-year), future falls in mortgage rates may be more moderate. Broadly then, we concur with the chorus of personal financial media commentators who think we are nearing the lows in mortgage rates. In essence, whereas last month we wrote that in terms of a core strategy, we see merit in extending soon, we think that time has basically come (or is at least close).

As always, there are risks around any strategy – things don't ever pan out quite as expected, and there is no shortage of uncertainty. But based on our expectation of a 3% low for the OCR, we think 1-3yr mortgage rates are approaching cycle lows. History shows that for mortgage rates to move markedly below 5% (perhaps to around 4.5%), the OCR would likely need to fall below 3%, and that isn't what we or the Reserve Bank expect. So, unexpected events aside, we suspect coming months will be all about choosing when to extend. On that score, our breakevens (table 1) show that you'd need to see the 1-year rate fall from its current level of 5.29% to 4.84% in 6 months or 4.69% in a year's time for fixing for one more short term of 6-months or 1-year to be better than simply taking the already-low 2-year rate.

Those who are still fixed may be considering breaking their fixed term. Doing so may result in a penalty, but if the penalty is small relative to what you believe you'll stand to gain in terms of payments over the long run, it may be worthwhile. If you have something like a year to go, and that rate is perhaps 6.8% (as the 2-year rate was a year ago), the cost may be prohibitive. But if you only have 3 months to go before your fixed term ends, and the rate is, say, 6.4% (as the 6-month rate was 3 months ago), the penalty may be worth it to be able to fix for 2 years at 4.99%. In short, don't assume; do the maths.

Finally, it is worth reiterating that it always makes sense to consider breaking up your debt and spreading your risk across several terms. It rules out getting it completely right, but it also rules out getting it completely wrong, and most people would consider that a fair exchange. The unexpected can happen, and COVID was a recent (and very raw) reminder of that.

Figure 1. Carded special mortgage rates*

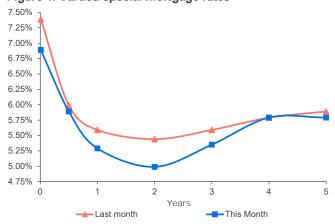


Table 1. Special Mortgage Rates*

		Breakevens for 20%+ equity borrowers								
Term	Current	in 6mths	in 1yr	in 18mths	in 2 yrs					
Floating	6.89%									
6 months	5.89%	4.69%	4.99%	4.39%	5.89%					
1 year	5.29%	4.84%	4.69%	5.14%	6.07%					
2 years	4.99%	4.99%	5.38%	5.86%	6.59%					
3 years	5.35%	5.52%	5.96%	6.09%	6.32%					
4 years	5.79%	5.78%	5.92%							
5 years	5.89% *Median of the five largest banks									

Source: interest.co.nz, ANZ Research

Key forecasts

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

	Mortgage Rate (%)														
		4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00
	200	241	248	255	262	269	277	284	292	299	307	315	323	330	338
	250	301	309	318	327	336	346	355	364	374	384	393	403	413	423
	300	361	371	382	393	404	415	426	437	449	460	472	484	496	508
	350	421	433	446	458	471	484	497	510	524	537	551	564	578	592
	400	481	495	509	524	538	553	568	583	598	614	629	645	661	677
0	450	541	557	573	589	606	622	639	656	673	690	708	726	744	762
(\$000)	500	601	619	637	655	673	691	710	729	748	767	787	806	826	846
Size	550	662	681	700	720	740	760	781	802	823	844	865	887	909	931
	600	722	743	764	786	807	830	852	875	897	921	944	968	991	1,015
Mortgage	650	782	805	828	851	875	899	923	947	972	997	1,023	1,048	1,074	1,100
Mo	700	842	867	891	917	942	968	994	1,020	1,047	1,074	1,101	1,129	1,157	1,185
	750	902	928	955	982	1,009	1,037	1,065	1,093	1,122	1,151	1,180	1,209	1,239	1,269
	800	962	990	1,019	1,048	1,077	1,106	1,136	1,166	1,197	1,227	1,259	1,290	1,322	1,354
	850	1,023	1,052	1,082	1,113	1,144	1,175	1,207	1,239	1,271	1,304	1,337	1,371	1,404	1,438
	900	1,083	1,114	1,146	1,178	1,211	1,244	1,278	1,312	1,346	1,381	1,416	1,451	1,487	1,523
	950	1,143	1,176	1,210	1,244	1,278	1,313	1,349	1,385	1,421	1,458	1,495	1,532	1,570	1,608
	1000	1,203	1,238	1,273	1,309	1,346	1,383	1,420	1,458	1,496	1,534	1,573	1,613	1,652	1,692

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

		Actual		Projections						
Interest rates	Sep-24	Dec-24	Current	Mar-25	Jun-25	Sep-25	Dec-25	Mar-26	Jun-26	Sep-26
Floating Mortgage Rate	8.5	7.7	6.9	6.9	6.5	6.2	6.2	6.2	6.2	6.2
1-Yr Fixed Mortgage Rate	6.3	5.8	5.3	5.2	5.1	5.0	5.0	5.1	5.1	5.1
2-Yr Fixed Mortgage Rate	5.8	5.6	5.0	5.0	4.8	5.1	5.1	5.2	5.2	5.2
3-Yr Fixed Mortgage Rate	5.8	5.6	5.4	5.3	5.1	5.2	5.3	5.3	5.3	5.3
5-Yr Fixed Mortgage Rate	5.8	5.8	5.9	5.8	5.6	5.5	5.6	5.6	5.7	5.8

Source: RBNZ, ANZ Research

Economic forecasts

		Actual			Forecasts					
Economic indicators	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25	Dec-25	Mar-26	Jun-26
GDP (Annual % Chg)	1.3	-0.5	-1.5	-1.4	-1.3	0.4	2.2	2.7	3.1	3.2
CPI Inflation (Annual % Chg)	4.0	3.3	2.2	2.2(a)	2.4	2.6	2.7	2.6	2.2	1.9
Unemployment Rate (%)	4.4	4.6	4.8	5.1(a)	5.3	5.3	5.2	5.1	4.9	4.7
House Prices (Quarter % Chg)	0.5	-0.5	-0.9	-0.2(a)	0.5	1.1	2.1	2.1	1.4	1.2
House Prices (Annual % Chg)	2.7	2.1	-0.5	-1.1(a)	-1.1	0.6	3.6	6.0	7.0	7.1

Interest rates	Sep-24	Dec-24	Current	Mar-25	Jun-25	Sep-25	Dec-25	Mar-26	Jun-26	Sep-26
Official Cash Rate	5.25	4.25	3.75	3.75	3.25	3.00	3.00	3.00	3.00	3.00
90-Day Bank Bill Rate	4.87	4.23	3.76	3.40	3.10	3.10	3.10	3.12	3.17	3.20
10-Year Bond	4.24	4.75	4.51	3.11	3.10	3.13	3.18	3.19	3.25	3.25

Source: ANZ Research, Statistics NZ, RBNZ, REINZ

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



Henry Russell Economist

Macroeconomic forecasting, economic developments, GDP and activity dynamics and monetary policy.

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



Miles Workman Senior Economist

Macroeconomic forecast co-ordinator, economic developments, labour market dynamics, inflation, fiscal and monetary policy.

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



Natalie Denne PA / Desktop Publisher

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

Telephone: +64 21 221 7438 Email: natalie.denne@anz.com

Important Notice

Last updated: 19 November 2024

This document (in the form of text, image, video or audio) is intended for ANZ Group's Institutional, Markets, Private Bank and Premier Banking clients. It should not be forwarded, copied or distributed. The opinions and research contained in it are (a) not personal financial advice; (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 and 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 Research, an independent research team of Australia and New Zealand Banking Group 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 (including infringement of any third party rights) out of or in connection with this document and your use of it 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 <u>click here</u> 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.

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.

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.