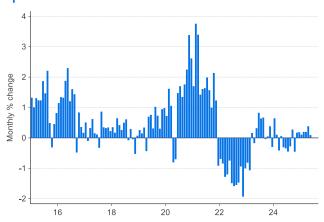


## At a glance

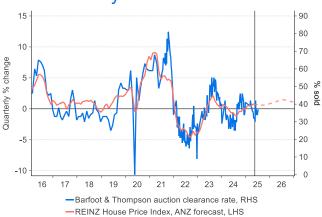
# House prices continue to slowly inch up...



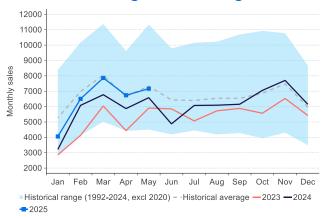
# ...but plenty of new listings have kept inventories around decade highs.



# Indicators of market tightness continue to drift sideways...



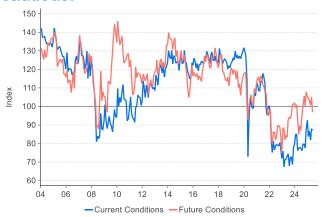
# ...and sales volumes have stabilised around their long-term average...



# We've downgraded our 2025 house price forecast from 4.5% to 2.5% y/y



# ...and consumers are remaining cautious.



Source: REINZ, realestate.co.nz, Barfoot & Thompson, Stats NZ, 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: 24 June 2025





#### Contact

Sharon Zollner, Matt Galt or David Croy for more details.
See page 10

#### Inside

At a glance	2
Housing Market Overview	4
Regional Housing Market Indicators	7
Mortgage Borrowing Strategy	8
Weekly Mortgage Repayment Table	9
Mortgage Rate Forecasts	9
Economic Forecasts	S
Important Notice	11

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

ISSN 2624-0629

Publication date: 24 June 2025

## Summary

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

### **Property Focus**

New Zealand's housing market remains subdued, with seasonally adjusted house prices edging up 0.1% in May to be up 1.3% in total since the last trough seven months ago. Sales volumes have stabilised around their long-run average, but rising demand has been met with an ample supply of new listings. Indicators of the balance between housing supply and demand continue to drift sideways, leading us to downgrade our forecast for house prices. We now expect house prices to rise 2.5% in 2025 (previously 4.5%). We expect that the housing market will heat up a touch next year following further OCR reductions and a strengthening and broadening economic recovery, leading to a more significant increase in house prices of 5.0% over 2026. See our <a href="Property Focus section">Property Focus section</a>.

### Mortgage Borrowing Strategy

Average fixed mortgage rates are a touch lower this month, but the shape of the mortgage curve remains tick-shaped, with 1-year marking the low point at 4.89%, and other fixed rates ranging from 4.95% to 5.69% on average across the main banks. Our broad thoughts on factors borrowers might want to consider when deciding what to do haven't changed much since last month. While we continue to expect that more OCR cuts are coming, the debate about how quickly that will occur and how low the OCR will go has hotted up, and financial markets are contemplating a pause in July.

Stepping back, while we do expect further falls in mortgage rates, we are also mindful that we are getting closer to the end of the easing cycle, and at some point, borrowers might want to extend the average duration of their fixed terms. Fixing for six months has become slightly cheaper now, and it is an attractive proxy for floating, especially for those who want to wait a little longer before committing for a long term. But as time marches on, given how difficult it is to pick the absolute bottom, we think it makes sense to consider a mix of terms to spread risk. Our own mortgage projections (based on our wholesale interest rate forecasts) envisage rates falling a little further, but those falls aren't expected to be large – and we are forecasting more OCR cuts than most. Accordingly, we do see merit in hedging your bets: fixing a portion of debt for 1 or 2 years and perhaps fixing a portion for 6 months awaiting further falls. See our Mortgage Borrowing Strategy.

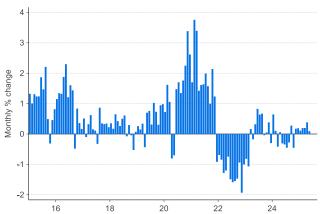
## **Summary**

New Zealand's housing market remains subdued, with seasonally adjusted house prices edging up 0.1% in May to be up 1.3% in total since the last trough seven months ago. Sales volumes have stabilised around their long-run average, but rising demand has been met with an ample supply of new listings. Indicators of the balance between housing supply and demand continue to drift sideways, leading us to downgrade our forecast for house prices. We now expect house prices to rise 2.5% in 2025 (previously 4.5%). We expect that the housing market will heat up a touch next year following further OCR reductions and a strengthening and broadening economic recovery, leading to a more significant increase in house prices of 5.0% over 2026.

#### When supply meets demand

May's REINZ housing market data showed seasonally adjusted house prices edging higher for a seventh consecutive month, though the scale of the increases has been small enough that the overall level of prices is barely moving. The seasonally adjusted REINZ house price index increased 0.1% in May, and house prices have now increased a total of just 1.3% over the past seven months (figure 1).

Figure 1. REINZ House Price Index (seasonally adjusted by ANZ)



Source: REINZ, Macrobond, ANZ Research

There have been various indicators published recently suggesting that house prices are not just stagnant, but are actually falling. We would put indications of falling house prices in the last couple of months mostly down to seasonality – we judge the underlying trend to be ever so slightly upwards. House prices typically rise a little more slowly than otherwise (or fall faster than otherwise) heading into winter. They then lift a little more (or fall less) than otherwise heading in to the market's seasonal peaks in November and February (i.e. either side of Christmas). This seasonal pattern matches the seasonality in New Zealand's net migration, with people tending to leave in winter and arrive in summer.

The seasonality in house prices is significant, but doesn't dominate other structural and cyclical factors – by our estimates the level of house prices is around 2-3% higher

at the seasonal peak than it is at their seasonal low in the middle of winter, all else equal. But with the upward trend in prices being so small right now, non-seasonally adjusted measures of house prices have gone slightly backwards since February as the normal cooling off going into winter has dominated the mild underlying upward trend (figure 2). Once we reach the end of winter, we'd expect this seasonal headwind to turn to a tailwind as usual, and we expect to see more widespread public discourse of house prices rising once again.

It might seem counterintuitive that house prices have a meaningful seasonal element, given houses have a long shelf life, unlike fruit and vegetables! But in practice, the transaction costs of buying and selling are significant enough that the market doesn't arbitrage it away. You're not going to be able to reliably buy a house in winter and sell it in summer for a net profit based on seasonal factors – particularly now we have a bright line test. But it does explain why so many people prefer to list their property for sale in spring.

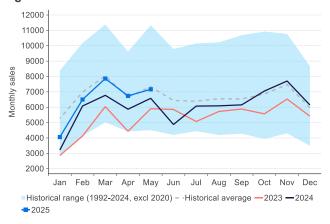
Figure 2. Change in house price index (Oct 2022 = 100)



Source: REINZ, Macrobond, ANZ Research

Sales volumes have been sitting around their historical average over late 2024 and 2025 thus far (figure 2). They are well up from their low point around 2023 when interest rates were at their cycle peak. But housing demand has not strengthened enough yet this cycle to put sales volumes above their historical average.

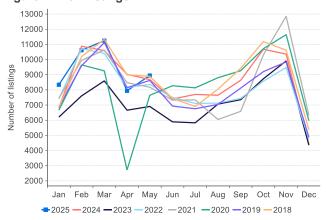
Figure 3. House sales volumes



Source: REINZ, Macrobond, ANZ Research

Rising sales volumes are often followed by an acceleration in price growth, but for now, any price tension from rising demand is being tempered by ample supply. Plenty of sellers have brought their properties to the market over the past few months. New listings bounced back to high levels in May, after easing slightly in April (figure 4). This month-to-month volatility might be related to the timing of public holidays this year: April new listings might have been restrained by the fact Easter fell in April this year and close to ANZAC day. Regardless, elevated listings and moderate sales have netted out to leave inventories of property for sale steady around decade highs (figure 5).

Figure 4. New listings



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

Figure 5. Total housing market inventory



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

Indicators of the balance between housing demand and supply continue to point to the housing market staying fairly steady, with scant evidence of either an acceleration or a loss of momentum in the market. 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. It has tracked sideways as rising sales have been matched by growing inventories, and points to house prices going sideways for a while yet (figure 6).

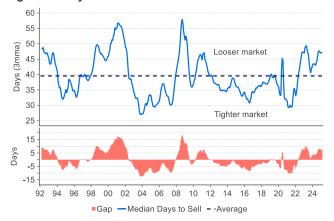
Figure 6. Sales-to-listings ratio



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

Median days to sell had tentatively been dropping back over recent months, but it ticked up again to 46 in May, remaining above its historical average of 39 (figure 7). This indicates that the market remains tilted in favour of buyers.

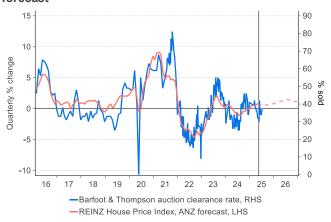
Figure 7. Days to sell



Source: REINZ, Macrobond, ANZ Research

The auction clearance rate has been steady around 35-40%, lower than a year ago and consistent with the market tracking largely sideways for now (figure 8).

Figure 8. Auction clearance rate vs ANZ House Price forecast



Source: REINZ, Barfoot & Thompson, interest.co.nz, Macrobond, ANZ Research

### Trimming our house price forecast

Given that indicators of the balance between supply and demand continue to drift sideways, we have downgraded our forecast for house prices (figure 9). We now expect house prices to increase 2.5% over 2025 (previously 4.5%). Around 1%pt of this increase has already occurred over the first five months of the year, so our forecast assumes a modest further increase of 1.5% over the remaining seven months of the year. We have also downgraded our 2026 forecast slightly to 5.0% (previously 5.5%), reflecting the lack of momentum we've seen in the housing market over 2025 so far.

Figure 9. ANZ house price forecast

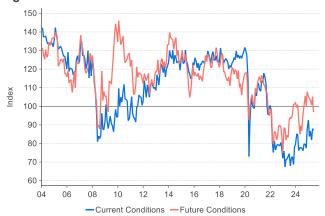


Source: REINZ, Macrobond, ANZ Research

The 225bp of OCR cuts delivered by the RBNZ so far in this easing cycle (from 5.5% to 3.25%) has certainly been a tailwind to the housing market. Along with easing credit conditions, this has seen house sales volumes lift towards their historical average and house prices stabilise following declines in 2024. However, the upswing in house prices has been muted compared to other recent easing cycles. There are several reasons for this.

First, the domestic economy and labour market are still quite subdued. Export-oriented parts of the economy have picked up noticeably with high export prices and a good production season, but domestically focused parts of the economy have been slower to recover, with consumer confidence still low (figure 10).

Figure 10. ANZ-RM Consumer Confidence



Source: ANZ-Roy Morgan, Macrobond, ANZ Research

What's more, high-frequency activity indicators like the Performance of Manufacturing Index, the Performance of Services Index and electronic card spending have been weakening again lately. Taking some signal from this, we recently updated our forecasts and expect very little GDP growth in Q2.

Second, longer-term interest rates haven't dropped as much as short-term interest rates have this cycle. Short-term interest rates in New Zealand depend heavily on the OCR (both actual and near-term expected), whereas longer-term interest rates are influenced more by global rates and long-term expectations. The sorts of changes in interest rates that really move the housing market are those that are expected to last for a long time and consequently get priced into longer-term interest rates.

For example, the boom during COVID-19 happened at a time when not only were short-term interest rates very low, but widespread expectations had developed that global interest rates would stay low for a long time, and this filtered through to New Zealand, with the RBNZ singing from the same hymn sheet. Figure 11 shows that between 2018 and 2021. longer-term interest rates like 5year mortgage rate dropped just as much as short-term interest rates like the 1-year mortgage rate did. A similar dynamic occurred during New Zealand's 2014-16 easing cycle, which helped fuel a robust housing upturn in the mid-2010s. This time around, however, the drop in longerterm interest rates has been more muted, with rates such as the 5-year mortgage rate dropping only around half as much from their late-2023 peak as short-term interest rates have. In part, this is because global long-term interest rates haven't fallen as much as New Zealand's OCR. This is making the current interest rate easing cycle less potent for the housing upturn than other recent easing cycles.

Figure 11. Short- and longer-term mortgage rates



Source: RBNZ, Macrobond, ANZ Research

Finally, despite improving over recent years, housing affordability is still stretched in an absolute sense. The median house price to income ratio has dropped to just over 6, around the same level as before COVID, though it isn't showing much sign of heading back to the lower levels of earlier decades (figure 12). In the medium term this is likely to limit the extent to which house price growth can persistently outpace income growth.

Figure 12. Median house price to income ratio



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

Putting it all together, house prices do seem to be inching higher, but in a muted fashion. We expect this pattern to continue for a few more months yet, leaving house prices up 2.5% y/y by the end of 2025 – less than our previous forecast of 4.5% y/y.

It's not just the housing market that's looking soft though: the outlook for economic activity is patchy and the economy still appears to be operating with considerable spare capacity. We still believe a degree of monetary stimulus (i.e. an OCR sub-3%) will be needed to stabilise underlying inflation near target over the medium term, and we continue to pencil in a cycle low for the OCR of 2.5%. Further cuts could well be delivered more slowly than our forecast of a 25bp cut at each of the next three meetings as the RBNZ weighs up all the recent activity and inflation data, but we are confident in the general direction. We expect that the housing market will heat up a little more as the OCR is further reduced and the wider economic recovery strengthens and broadens, leading to a more significant increase in house prices of 5.0% over 2026. That said, with longer-term interest rates elevated relative to past easing cycles, ongoing affordability constraints, and debt-to-income limits capping the upside to borrowing capacity, our baseline forecast for 2026 is that house price inflation won't race away.

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

	Median house price			House pr	ice index	Sa		
	Level	Annual % change	3-mth % change	Annual % change	3-mth % change	# of monthly sales	Monthly % change	Average days to sell
Northland	\$638,799	-2.9	-3.7	-0.1	1.2	217	+14%	57
Auckland	\$980,979	-3.5	-0.1	-0.5	0.6	1,952	-8%	45
Waikato	\$747,311	1.6	1.3	0.9	0.7	698	+2%	46
Bay of Plenty	\$821,701	0.6	0.1	1.4	1.2	449	+4%	50
Gisborne	\$598,416	0.0	1.3	1.7	1.4	40	-15%	51
Hawke's Bay	\$677,099	-1.2	-1.6	1.7	1.4	204	-11%	48
Manawatu-Whanganui	\$531,320	-5.6	-2.4	-1.7	-0.4	342	-2%	42
Taranaki	\$610,858	1.8	1.1	2.4	0.3	168	+5%	40
Wellington	\$780,487	1.2	0.0	-3.2	-0.4	631	0%	46
Tasman, Nelson & Marlborough	\$687,721	-3.6	-2.4			232	-3%	43
Canterbury	\$686,246	0.0	-1.2	1.9	1.3	1,107	-4%	41
Otago	\$668,134	0.0	2.4	0.4	0.2	395	+3%	46
West Coast	\$406,935	5.9	-4.4	-0.4	0.2	51	+44%	44
Southland	\$494,882	9.7	1.6	4.6	2.5	168	+1%	40
New Zealand	\$767,927	-0.8	0.0	0.1	0.7	6,647	-2%	46

## 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

Average fixed mortgage rates are a touch lower this month, but the shape of the mortgage curve remains tickshaped (figure 1), with 1-year marking the low point at 4.89%, and other fixed rates ranging from 4.95% to 5.69% on average across the main banks. Our broad thoughts on factors borrowers might want to consider when deciding what to do haven't changed much since last month. While we continue to expect more OCR cuts, the debate has hotted up re how quickly and how far, and financial markets are contemplating a pause in July. Stepping back, while we do expect further falls in mortgage rates, we are also mindful that we are getting closer to the end of the easing cycle, and at some point, borrowers might want to extend the average duration of their fixed terms. Fixing for six months has become slightly cheaper, and it is an attractive proxy for floating for those who want to wait a little longer before committing for a long term. But as time marches on, given how difficult it is to pick the absolute bottom, it makes sense to consider a mix of terms to spread risk. Our mortgage projections (based on our wholesale interest rate forecasts) envisage rates falling a little further, but those falls aren't expected to be large - and we are forecasting more OCR cuts than most. Accordingly, we do see merit in hedging your bets.

#### Thoughts and views

Average fixed mortgage rates are a touch lower this month at all terms from 6 months to 4 years, taking each to their low point since rates started falling last year. Most forecasters are calling for further OCR cuts, as is the RBNZ, but there is a wide range of views out there as to how many and how quickly.

We still are still pencilling in a July OCR cut but freely acknowledge that the RBNZ may opt for a cautious approach given higher inflation expectations and stronger Q1 GDP data. But cut or pause, our sense is that it is unlikely to have a material impact on mortgage rates, as they tend to move with the longer-term trend in wholesale interest rates, which we expect to continue gradually falling. With the housing market going nowhere fast we think the RBNZ has more work to do and expect wholesale swap rates and mortgage rates to fall a little further yet. Given how tight mortgage rates are to wholesale interest rates (reflecting intense competition among banks), more OCR cuts will likely be needed for mortgage rates to fall. And the soft housing market may itself be a factor that encourages the RBNZ to ultimately cut by more than they are currently forecasting.

Our wholesale interest rate forecasts bottom out around the end of the year; mortgage rates tend to move broadly in step. How far they fall will depend on competitive pressures as well as how far wholesale rates fall, but we assume the latter might drive 1 to 2-year mortgage rates 10-20bp lower from here. And given that mortgage rates are expected to keep falling, as we noted last month, that

suggests there is merit in fixing for 6 months, with a view to re-fixing for a longer term when that fixed term ends later in the year. The problem with that strategy is that the future is always uncertain, and of course rates may not fall at all, or at least not as much as expected. While we see a good chance that the RBNZ may opt to pause in July, if they do, that is likely to elongate the easing cycle, with more easing coming later in the year. As we noted last month, the RBNZ is projecting a further 40bp of cuts, and with demand still weak and ample spare capacity in the economy to keep inflation pressures at bay; we are expecting more OCR cuts sooner or later. And it is for that reason that we see merit in fixing for 6 months one last time, with a view to extending later. However, this is a riskier strategy than just fixing for 1 or 2 years now, where rates are the cheapest – particularly now the outlook for global oil prices is so uncertain. Central banks, including the RBNZ, could find their ability to cut policy rates to shore up growth hampered should oil prices shoot higher and stay there, driving headline inflation higher.

For those who feel like they have waited long enough or who aren't prepared to wager that rates will fall much further, it is worth considering a mix of 1 and 2-year terms, which are at cycle lows, as we noted earlier. Fixing a portion of debt at these low rates now may not turn out to be the absolute bottom, but that strategy is arguably less stressful, especially if it's part of a series of staggered fixed terms. And on that score, as we say each month, we see merit in borrowers breaking up their mortgage into chunks and spreading their risk over several terms, with a view to trading off certainty with cost.

Figure 1. Carded special mortgage rates\*

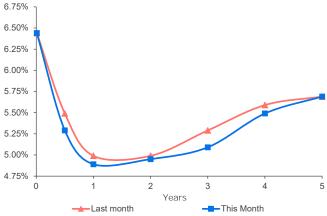


Table 1. Special Mortgage Rates\*

		Breakevens for 20%+ equity borrowers								
Term	Current	in 6mths	in 1yr	in 18mths	in 2 yrs					
Floating	6.44%									
6 months	5.29%	4.49%	4.89%	5.13%	5.30%					
1 year	4.89%	4.69%	5.01%	5.22%	5.37%					
2 years	4.95%	4.95%	5.19%	5.59%	6.03%					
3 years	5.09%	5.29%	5.69%	5.94%	6.18%					
4 years	5.49%	5.63%	5.89%							
5 years	5.69%	9% *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	Dec-24	Mar-25	Current	Jun-25	Sep-25	Dec-25	Mar-26	Jun-26	Sep-26	Dec-26	
Floating Mortgage Rate	7.7	7.2	6.4	6.4	6.0	5.9	5.9	5.9	5.9	6.4	
1-Yr Fixed Mortgage Rate	5.8	5.2	4.9	4.9	4.7	4.8	4.9	5.1	5.2	5.2	
2-Yr Fixed Mortgage Rate	5.6	5.1	5.0	5.0	4.9	4.9	5.0	5.1	5.2	5.3	
3-Yr Fixed Mortgage Rate	5.6	5.4	5.1	5.1	5.0	5.1	5.2	5.3	5.4	5.4	
5-Yr Fixed Mortgage Rate	5.8	5.7	5.7	5.7	5.5	5.5	5.6	5.6	5.7	5.7	

Source: RBNZ, ANZ Research

### **Economic forecasts**

	Actual				Forecasts						
Economic indicators	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25	Dec-25	Mar-26	Jun-26	Sep-26	Dec-26	
GDP (Annual % Chg)	-1.6	-1.3	-0.7	0.4	1.9	2.0	1.8	2.4	2.7	2.8	
CPI Inflation (Annual % Chg)	2.2	2.2	2.5	2.8	2.7	2.6	2.0	1.7	1.7	1.7	
Unemployment Rate (%)	4.8	5.1	5.1	5.2	5.2	5.1	4.9	4.8	4.7	4.5	
House Prices (Quarter % Chg)	-0.9	-0.2	0.5	0.7	0.6	0.7	1.0	1.3	1.5	1.2	
House Prices (Annual % Chg)	-0.5	-1.1	-1.1	0.1	1.6	2.5	3.0	3.6	4.6	5.0	

Interest rates	Dec-24	Mar-25	Current	Jun-25	Sep-25	Dec-25	Mar-26	Jun-26	Sep-26	Dec-26
Official Cash Rate	4.25	3.75	3.25	3.25	2.75	2.50	2.50	2.50	2.50	3.00
90-Day Bank Bill Rate	4.17	3.61	3.30	2.97	2.62	2.62	2.62	2.70	3.05	3.12
10-Year Bond	4.41	4.49	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50

Source: ANZ Research, Statistics NZ, RBNZ, REINZ

#### Meet the team

We welcome your questions and feedback. Click <a href="here">here</a> 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



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



Matt Galt Senior Economist

Macroeconomic forecasting, economic developments, GDP, housing and credit dynamics.

Telephone: +64 21 633 469 Email: matthew.galt@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: 17 June 2025

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. Words such as 'forecast', 'anticipate', 'likely', 'unlikely', 'believe', 'expect', 'may', 'probability', 'risk', 'will', 'seek', 'would', 'could', 'should' and similar expressions, are intended to identify forward-looking statements or opinions. Such statements are usually predictive in character, subject to assumptions that may prove inaccurate or unknown risks and uncertainties, 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.

This document may contain climate-related statements, such as climate-related risks and opportunities, goals and ambitions, scenarios and projections. Where present, such content is subject to significant uncertainty and risk, and may ultimately prove to be incorrect, inaccurate or incomplete.

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 provided for general information purposes only. It is intended solely for use by institutional or otherwise sophisticated clients and prospective clients, and is not intended for retail investors or the general public. It is not tailored to the needs and circumstances of any recipient, nor is it intended as an offer or solicitation to purchase or sell any security or financial instrument or to employ any specific investment strategy. If you are not an institutional client, prospective institutional client, or a permitted client (as defined under Canadian securities law), you should not rely on or act upon the information contained herein.

**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.