



# WEEKLY ECONOMIC COMMENTARY



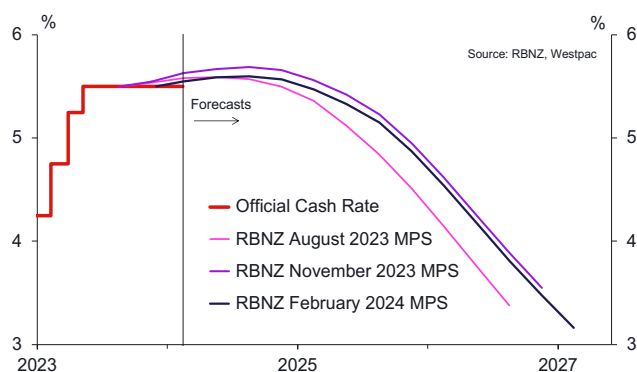
4 Mar 2024 | Westpac Economics Team | [westpac.co.nz/economics](https://westpac.co.nz/economics) | [economics@westpac.co.nz](mailto:economics@westpac.co.nz)

## Steady as she goes

The key event in New Zealand last week was the RBNZ's OCR decision and accompanying *Monetary Policy Statement* (MPS). The RBNZ indicated that the economy and inflation is continuing to evolve broadly as it had expected. The Bank's policy approach remains one of "staying the course" – the theme of **our recent Economic Overview**. That is, inflation is expected to return to 2% later next year provided that the OCR remains at its current rate of 5.5% until at least early next year.

As we and most commentators had expected, the RBNZ left the OCR at 5.5%. The overall tone of the *Statement* remained somewhat hawkish in absolute terms but was much less hawkish than markets had feared. The RBNZ still sees a risk that the OCR might need to rise later this year. However, this risk is now lower than seen in the November 2023 MPS, with the updated OCR track implying around a 40% chance of a further 25bps hike – down from around 75% previously. As a result, the RBNZ's forecast for the OCR over the next year now looks much like that published in the August 2023 MPS.

### Official Cash Rate forecasts

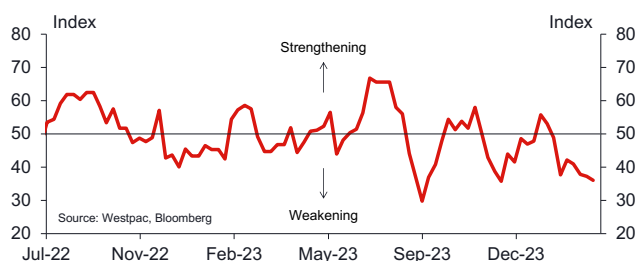


As we wrote in our MPS preview, a straight interpretation of recent economic data suggested that the OCR track could be lowered. But we saw material risks of either an OCR increase or upgraded risks of one in the future, if

### Key views

	Last 3 months	Next 3 months	Next year
Global economy	→	→	↗
NZ economy	→	→	↗
Inflation	↘	↘	↓
Short-term interest rates	→	→	↘
Long-term interest rates	↘	→	↘
NZD/USD	→	↗	↗
NZD/AUD	↗	→	↘

### Westpac New Zealand Data Pulse Index



### Key data and event outlook

Date	Event
13 Mar 24	NZ selected price indexes, February
19 Mar 24	RBA Monetary Policy Decision and SMP
20 Mar 24	FOMC Meeting (Announced 21 Mar NZT)
21 Mar 24	GDP, December quarter
27 Mar 24	Govt to release Budget Policy Statement
9 Apr 24	QSBO business survey, March quarter
10 Apr 24	RBNZ Monetary Policy Review
12 Apr 24	NZ Selected price indexes, March
1 May 24	NZ Labour market statistics, March quarter
1 May 24	RBNZ to release Financial Stability Report
1 May 24	FOMC Meeting (Announced 2 May NZT)
7 May 24	RBA Monetary Policy Decision and SMP
13 May 24	NZ Selected price indexes, April

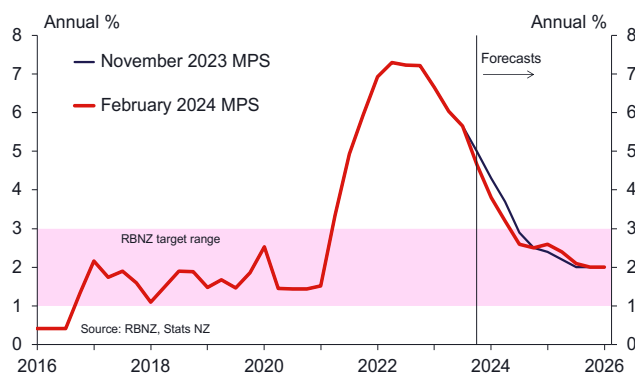
the RBNZ were to focus on the more worrying aspects of the data (e.g., the stickiness of non-tradable inflation). As it turns out, the RBNZ played a straight bat, giving significant weight to both the weak Q3 GDP outcome, the larger than expected decline in headline inflation in Q4 and the significant decline in business inflation expectations reported in its own survey.

A key excerpt from the latest MPS summarises the drivers of the RBNZ's updated view:

*"Conditional on our central economic outlook, the Official Cash Rate (OCR) is expected to remain around current levels for an extended period in order for the MPC to meet its inflation target. The outlook for the OCR is slightly lower than in the November 2023 Statement. This reflects that the slightly lower outlooks for capacity pressures, import prices and house price inflation more than offset the higher outlook for export prices."*

Importantly, the record of the meeting noted that members viewed that "overall, risks to the outlook for inflation were more balanced than at the time of the November 2023 Statement. However, from a monetary policy perspective, there remains less capacity to absorb upside inflation surprises, relative to downside surprises." In the press conference, Governor Orr emphasised that while the risks to inflation are now more balanced, the policy reaction function to any realisation of these risks remains asymmetric given the current level of inflation. Governor Orr also indicated that while the possibility of a hike was discussed at the meeting, no vote was required indicating a strong consensus that the current OCR remains appropriate.

#### Consumer price inflation forecasts



We remain comfortable with our view that the OCR remains on hold at 5.5% over 2024, before a gradual easing cycle begins in early 2025. That said, we do see a more gradual easing in domestic inflation pressures than the RBNZ.

Looking out over the next month or so, key economic data points to watch ahead of the next OCR review on 10 April will be:

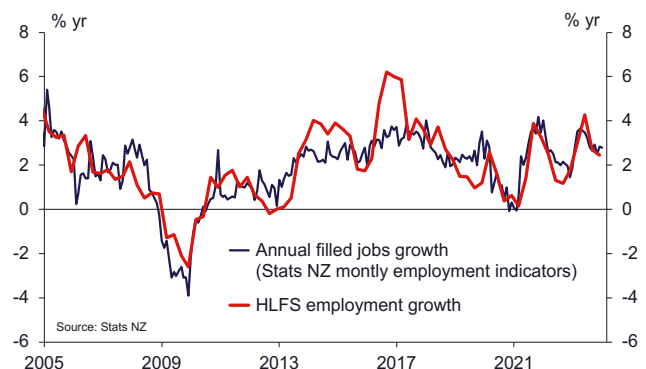
- The Q4 GDP report (21 March). We presently estimate that the economy grew just 0.1% - not materially

different to the flat outcome estimated by the RBNZ in the MPS.

- The selected price indexes released on 13 March, which will provide some further information about the outlook for the Q1 CPI report released on 17 April.
- Incoming migration and housing-related data, as well as indicators of consumer spending.
- Inflation indicators from the ANZ Business Outlook survey (27 March) and the NZIER's QSBO survey (9 April).

As far as last week's key data was concerned, the main points of note were the Monthly Employment Indicator (MEI) for January and the ANZ's Business Outlook survey for February. The MEI, which is drawn from tax data, reported a surprising 0.6% lift in filled jobs, whereas the weekly snapshots of this data had suggested a flat result. This data has been choppy over the Christmas / New Year period and there seems to be some variation in the timing of when teachers are hired – it's not consistent from year to year so the seasonal adjustment doesn't capture it fully. With filled jobs flat in December, the average of 0.3% over the past two months probably gives a better sense of the underlying trend (although there has been a marked tendency for recent outcomes to be revised downward in subsequent releases). This is still a solid result; it's slightly ahead of the growth in the working-age population, which grew 3% last year on the back of record net migration. We will continue to track this data closely in coming months.

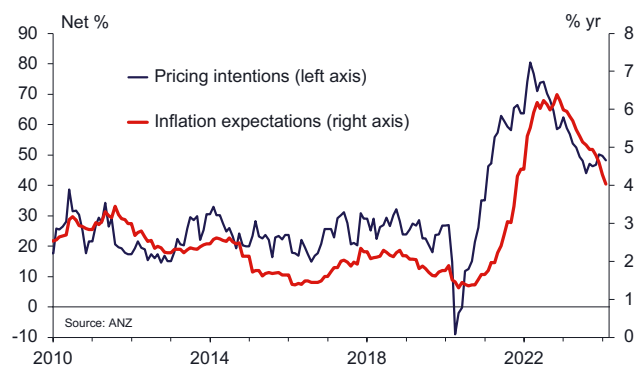
#### Employment indicators



The ANZ's survey indicated that business confidence held at firm levels in February. The number of businesses who expect trading conditions to improve over the coming year did nudge higher. But while firms are optimistic about the outlook, a net 5% of businesses continued to report a decline in trading activity over the past year, with weakness noted in the retail and construction sectors. On the prices front, we did see expectations for inflation over the coming year continuing to ease, dropping from 4.3% previously to 4.0% now. That continues the downtrend seen over the past year and follows the easing in actual inflation. But while expectations for inflation

are dropping back, the number of businesses who are planning on raising their prices remains high, especially in the retail and services sectors. That's consistent with our expectations that inflation will return to the RBNZ's 2% target only gradually and might be consistent with inflation getting "stuck" about 3% at some point.

#### Inflation expectations and pricing intentions



The coming week is somewhat quieter on the data front. While not usually market-moving, most interest will be on the release of a few partial activity indicators that will cast light on the likely outcome of the Q4 GDP report. That aside, the outcome of the latest GDT dairy auction will also be of interest, especially with some indicators suggesting the possibility of a further pull-back in the price of the key whole milk powder product.

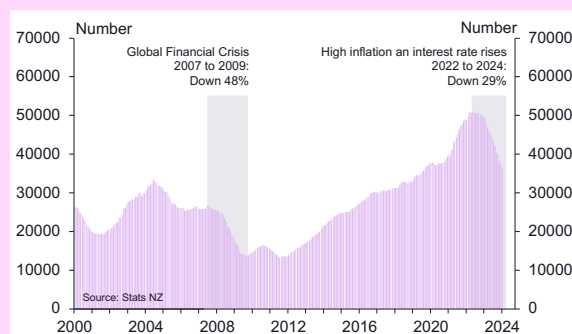
**Kelly Eckhold**, Chief Economist

#### Chart of the week.

The downturn in the residential construction sector is deepening. Dwelling consent issuance fell 9% in January and consent numbers are now down nearly 30% from the peak we saw in 2022. That downturn has been widespread across the nation. Notably, there has been a sharp fall in medium-density developments, like townhouses, with developers reluctant to bring new projects to market given high financing costs and a slow market for sales.

While fewer new projects are coming to market, the downturn in actual building activity has been more gradual to date. That's because over the past few years, shortages of staff and materials meant that building activity did not keep pace with the rapid rise planned projects. As the existing pipeline of projects is completed, we expect home residential building activity will drop to levels that are 15% below the peak we saw in 2022.

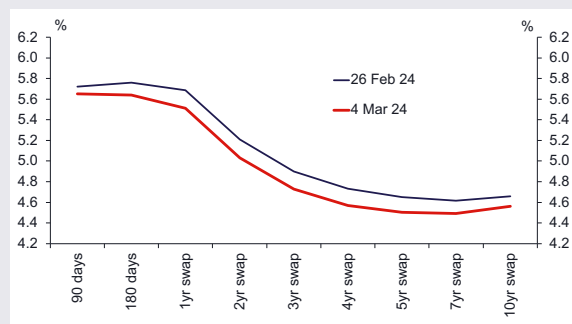
#### Annual dwelling consent issuance



#### Fixed versus floating for mortgages.

The RBNZ left of the OCR on hold in February. While further OCR hikes don't look likely, easings are still some way off. Fixing for a shorter term would provide borrowers with greater flexibility if mortgage rates fall later this year. However, for borrowers who favour certainty, at current fixed rates we see value in fixing for as long as two years.

#### NZ interest rates



# Global wrap

## North America.

As expected, the PCE deflator eased 0.2ppts to 2.4% in January with core inflation slowing to 2.8% - the lowest rates since early 2021. While Fed officials have welcomed the fall in inflation, the latest semi-annual Monetary Policy Report (MPR) noted that inflation remains high and that the labour market remains tight. Consistent with that, officials remain cautious with regards to the pace of policy easing. US data over the past week were mixed. Despite strong household income growth of 1%, spending growth was up only 0.2%. In the business sector, the manufacturing ISM unexpectedly dipped to 47.8. The various regional surveys were mixed, but generally pointed to softness in activity. This week the focus will be on Friday non-farm payrolls report (Westpac is forecasting jobs growth of 170k). Fed Chair Powell will also testify on the MPR before the House and Senate.

## Asia-Pacific.

Australia's Q4 GDP report will be out on Wednesday. Following last week's partials, we've revised down our forecast for Q4 growth to a flat result. That would see annual growth slow from 2.1% to 1.2%. Tight financial conditions continue to weigh on demand, especially in the household sector. And in the business sector there's been a slowdown in labour hours and capex. Those pressures have continued in the new year, with retail sales up just 1.4% in the year to January - well below inflation or population growth. On the prices front, the Monthly CPI Indicator fell 0.3% in January, weighed down by falls in holiday travel costs and Government rebates. Across in China, activity indicators remain patchy but generally point to soft activity. February saw the manufacturing PMI slipping to 49.1 with softness in employment, orders and pricing. Services sector conditions have been firmer with the non-manufacturing index rising to 51.4, likely boosted by Lunar New Year celebrations. These signs of sluggish activity come just before this week's National People's Congress. The Government will announce its growth target for this year (last year's target was "around 5%"), and perhaps further policy support to help achieve this goal.

## Other regions.

In the eurozone, February's headline CPI came in at 2.6%, with core inflation running at 3.1%. While down on the December result, the moderation in inflation was less than expected, reflecting stickiness in services prices. That's likely to reinforce the ECB's cautious 'wait-and-see' approach at this week's meeting, where policy is expected to be left unchanged. Over the course of the week, markets will also be watching for news of a potential ceasefire in Gaza ahead of the Ramadan period.

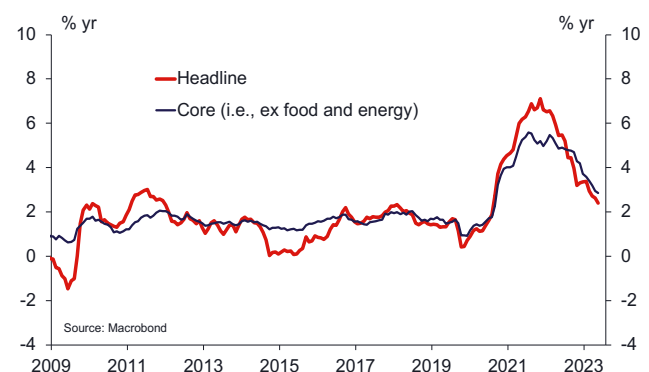
Trading partner real GDP (calendar years)

	Annual average % change			
	2022	2023	2024	2025
Australia	3.8	2.0	1.3	2.2
China	3.0	5.2	5.2	5.0
United States	2.1	2.5	2.6	1.3
Japan	1.0	2.0	0.9	0.9
East Asia ex China	4.5	3.4	4.1	4.2
India	7.2	7.0	6.3	6.5
Euro Zone	3.3	0.5	0.6	1.5
United Kingdom	4.1	0.4	0.5	1.3
NZ trading partners	3.3	3.4	3.4	3.4
World	3.5	3.3	3.3	3.1

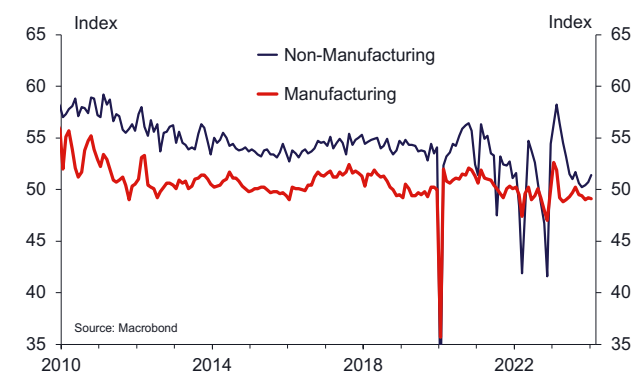
Australian & US interest rate outlook

	1-Mar	Jun-24	Dec-24	Dec-25
<b>Australia</b>				
Cash	4.35	4.35	3.85	3.10
90 Day BBSW	4.34	4.37	3.92	3.30
3 Year Swap	3.91	3.95	3.75	3.50
3 Year Bond	3.70	3.75	3.55	3.30
10 Year Bond	4.11	4.05	3.85	4.00
10 Year Spread to US (bps)	-13	5	5	0
<b>US</b>				
Fed Funds	5.375	5.125	4.375	3.375
US 10 Year Bond	4.24	4.00	3.80	4.00

US PCE deflator



Chinese PMIs



# Financial markets wrap

## Interest rates.

NZ swap rates fell sharply last week, with most of the move due to a dovish surprise from the RBNZ – it shifted its OCR forecast track lower, indicating it now sees less than a 50/50 chance of another rate hike in this cycle. Markets have priced a zero chance of any further rate hikes, but a 100% chance of a cut by October. The 2yr swap rate fell 30bp last week, to around 5.00%, and is more likely to test the mid 4s than the mid 5s over the next few months.

That said, while swap rates should trend lower, the path will likely be bumpy. Our economists' forecast the first rate cut to be in Feb 2025, before which there is likely to be a range of data surprises to buffet markets. Notable, Q1 CPI inflation data released in April is expected to be stronger than the RBNZ has forecast, raising potential for one such bump.

The week ahead is low key regarding NZ events, but any surprises from AU GDP and US payrolls data would likely ripple to NZ markets.

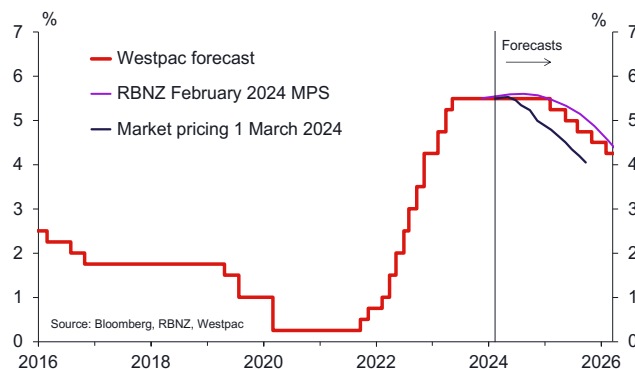
## Foreign exchange.

The past week's decline in NZD/USD stalled at 0.6075 but it remains vulnerable to a test of the early-Feb low of 0.6040 during the next few days. The pair has been confined to a 0.6040-0.6175 range over the past six weeks, but markets will now be more inclined to probe the downside than the upside following last week's dovish RBNZ surprise. Fresh catalysts this week are more likely to be from the US, though, with payrolls data on Friday, and Fed chair Powell speaking to Congress on Wednesday.

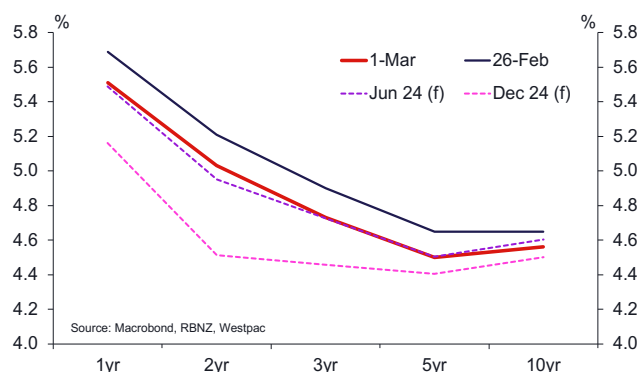
Multi-month, we remain bullish, seeing potential for 0.6300. That is based on expectations that the RBNZ's next easing cycle will start much later than the US Federal Reserve's (our economists forecast June 2024 and February 2025, respectively). Our bearish near term and bullish longer term outlooks could present opportunities for both exporters and importers, respectively, over those horizons.

NZD/AUD reversed lower last week following the RBNZ, and it looks bearish near term, with potential to break back inside its year-old contracting range at 0.9335. NZ-AU yield spreads are likely to be particularly influential during the weeks ahead.

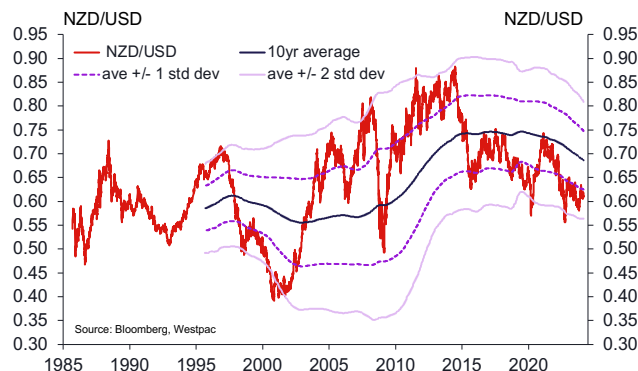
### Official Cash Rate forecasts



### Swap rates



### NZD/USD vs rolling 10yr average



### FX recent developments

	Historical data				F'cast
	Spot	3mth range	5yr range	5yr avg	Dec-24
USD	0.611	0.605-0.635	0.555-0.743	0.651	0.64
AUD	0.936	0.923-0.944	0.873-0.992	0.933	0.91
EUR	0.563	0.558-0.572	0.517-0.637	0.584	0.56
GBP	0.482	0.478-0.497	0.464-0.544	0.508	0.50
JPY	91.7	88.1-93.1	61.3-93.1	78.2	88.3

# The week ahead

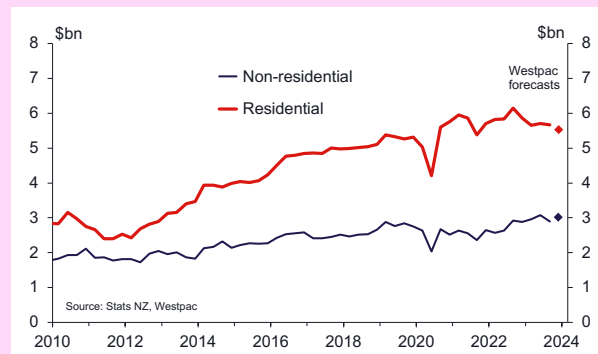
## NZ Q4 building work put in place

Mar 6, Last: -2.4%, Westpac f/c: -0.3%

Building activity fell by 2.4% in the September quarter. That was due to a sharp 5.9% fall in non-residential activity, with residential work dropping by a more modest 0.6%.

We're forecasting a 0.3% fall in total construction activity in the December quarter. Underlying that, non-residential building activity is expected to retrace some of last quarter's sharper than expected fall. However, the downturn in residential building activity is expected to deepen with financial headwinds and the soft housing market putting the brakes on new development.

## NZ real building work put in place



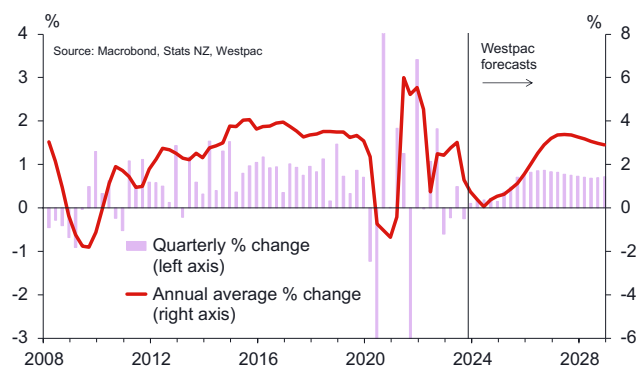


# Economic and financial forecasts

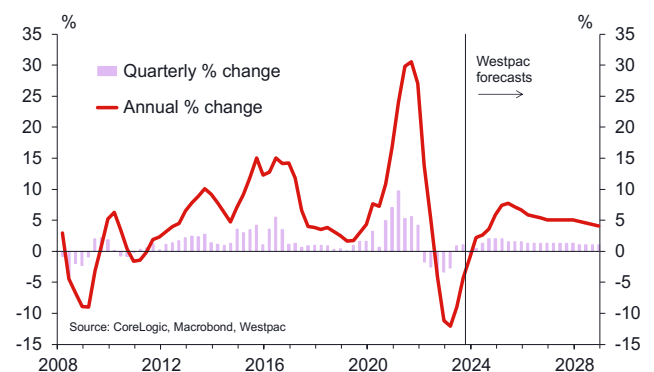
Economic indicators	Quarterly % change				Annual % change			
	Sep-23	Dec-23	Mar-24	Jun-24	2022	2023	2024	2025
GDP (production)	-0.3	0.1	0.2	0.2	2.4	0.7	0.5	1.6
Consumer price index	1.8	0.5	0.7	0.6	7.2	4.7	2.7	2.3
Employment change	-0.1	0.4	0.0	0.2	1.7	2.4	0.3	1.0
Unemployment rate	3.9	4.0	4.3	4.6	3.4	4.0	5.1	5.2
Labour cost index (all sectors)	1.1	1.0	0.8	0.8	4.1	4.3	3.4	2.5
Current account balance (% of GDP)	-7.6	-7.0	-6.4	-5.8	-8.8	-7.0	-4.4	-3.6
Terms of trade	-0.6	0.3	2.0	2.0	-4.2	-1.5	6.1	3.4
House price index	1.0	-0.2	0.5	1.3	-11.2	-1.1	5.9	6.7

Financial forecasts	End of quarter				End of year			
	Sep-23	Dec-23	Mar-24	Jun-24	2022	2023	2024	2025
OCR	5.50	5.50	5.50	5.50	4.25	5.50	5.50	4.50
90 day bank bill	5.66	5.65	5.60	5.60	4.26	5.65	5.50	4.50
2 year swap	5.53	5.28	5.10	4.95	5.10	5.28	4.50	4.00
5 year swap	4.90	4.84	4.60	4.50	4.67	4.84	4.40	4.10
10 year bond	4.87	5.09	4.85	4.70	4.31	5.09	4.60	4.25
TWI	70.6	70.8	72.2	72.3	70.8	70.8	71.7	70.0
NZD/USD	0.61	0.60	0.62	0.63	0.60	0.60	0.64	0.65
NZD/AUD	0.92	0.93	0.94	0.93	0.92	0.93	0.91	0.89
NZD/EUR	0.56	0.56	0.57	0.57	0.59	0.56	0.56	0.56
NZD/GBP	0.48	0.49	0.49	0.50	0.51	0.49	0.50	0.50

GDP growth



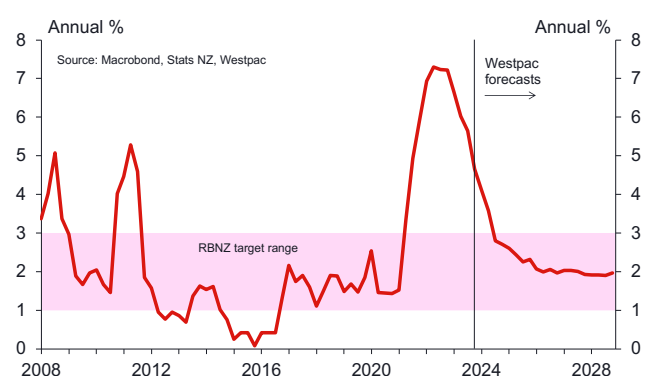
House prices



Employment and wage growth



Consumer price inflation



# Data calendar

		Last	Market median	Westpac forecast	Risk/Comment
<b>Mon 04</b>					
<b>NZ</b>	Q4 terms of trade	-0.6%	-0.1%	0.3%	Modest falls in both export and import prices.
<b>Aus</b>	Jan dwelling approvals	-9.5%	4.0%	3.0%	Partial rebound from big Dec fall. Bumping along the bottom.
	Q4 inventories	1.2%	0.1%	-0.3%	Q3 up on mining. Q4 to slip on soft sales. Impact -0.5ppts.
	Q4 company profits	-1.3%	1.0%	4.2%	Up on mining profits & "double upward bias".
	Feb ANZ job ads	1.7%	-	-	Easing gradually, pockets of strong labour demand linger.
	Feb MI inflation gauge %yr	4.6%	-	-	Provides a general view on risks.
<b>US</b>	Fedspeak	-	-	-	Harker.
<b>Tue 05</b>					
<b>NZ</b>	Feb ANZ commodity prices	2.2%	-	3.0%	Solid gains in dairy and meat prices.
<b>Aus</b>	Q4 current account balance, \$bn	-0.2	4.9	4.0	Higher export prices, lower goods imports.
	Q4 net exports, ppts cont'n	-0.6	+0.2	+0.1	Imports & exports both lower, -1.8% & -0.9%, led by goods.
	Q4 public demand	1.4%	-	0.4%	Q3 inflated by "price relief" assistance for households.
<b>Jpn</b>	Feb Tokyo CPI %yr	1.8%	2.5%	-	Base effects to drive a temporary lift in Feb.
<b>Chn</b>	Feb Caixin services PMI	52.7	52.9	-	Sluggish demand for services remains.
<b>US</b>	Feb ISM non-manufacturing	53.4	52.9	-	Headwinds emerging for services.
	Jan factory orders	0.2%	-2.2%	-	Decline in durable goods will post a drag on factory orders.
	Fedspeak	-	-	-	Barr.
<b>Wed 06</b>					
<b>NZ</b>	GlobalDairyTrade auction (WMP)	-1.8%	-	-	GDT Pulse -3%, futures -4% compared to last auction.
	Q4 building work	-2.4%	-1.8%	-0.3%	Residential decline continuing, non-res to bounce.
<b>Aus</b>	Q4 GDP	0.2%	0.2%	flat	Challenging backdrop, domestic demand pulse weakly positive.
<b>Eur</b>	Jan retail sales	-1.1%	-	-	Rates hikes are factoring into demand.
<b>US</b>	Jan JOLTS job openings	9026k	-	-	Labour market coming into balance, some downside risks.
	Federal Reserve's Beige Book	-	-	-	An update on conditions across the regions.
	FOMC Chair Powell	-	-	-	Testifying before the House Financial Services Committee.
	Fedspeak	-	-	-	Daly, Kashkari.
<b>Thu 07</b>					
<b>Aus</b>	Jan goods trade balance, \$bn	11.0	11.5	12.0	Surplus to widen. Higher commodity prices boost exports.
	Jan housing finance	-4.1%	2.0%	1.0%	Upturn moderating as turnover declines, price gains slow.
	Jan owner occupier finance	-5.6%	-	1.0%	More sensitive to affordability but policy-related boost in Qld.
	Jan investor finance	-1.3%	-	1.0%	Starting to outperform slightly?
<b>Chn</b>	Feb foreign reserves US\$bn	3219	-	-	Sustainability on a TWI basis in focus, not USD/CNY.
<b>Eur</b>	ECB policy decision, deposit rate	4.00%	-	4.00%	Setting the tone for the year.
<b>US</b>	Jan trade balance \$bn	-62.2	-62.5	-	Consumer demand supporting imports.
	Jan consumer credit \$bn	1.6	10	-	Credit demand to continue weakening in 2024.
	Initial jobless claims	215k	-	-	To remain low for now.
	FOMC Chair Powell	-	-	-	Testifying before the Senate Banking Committee.
	Fedspeak	-	-	-	Mester.
<b>Fri 08</b>					
<b>Jpn</b>	Jan household spending %yr	-2.5%	-4.2%	-	Price growth weighing on real consumption.
<b>Eur</b>	Q4 GDP	0.0%	0.0%	-	Final estimate.
<b>US</b>	Feb non-farm payrolls	353k	190k	170k	Jan's strength likely to partly reverse; watchout for revisions.
	Feb unemployment rate	3.7%	3.7%	3.8%	Household employment weak. Participation key for U/E.
	Feb average hourly earnings %mth	0.6%	0.3%	0.3%	Changing composition a problem for this wage indicator.
	Fedspeak	-	-	-	Williams.
<b>Sat 09</b>					
<b>Chn</b>	Feb CPI %yr	-0.8%	0.1%	-	A lack of demand alongside excess capacity...
	Feb PPI %yr	-2.5%	-2.6%	-	... are leading to deflation in China.



# CONTACT

**Westpac Economics Team** | [westpac.co.nz/economics](https://westpac.co.nz/economics) | [economics@westpac.co.nz](mailto:economics@westpac.co.nz)

**Kelly Eckhold**, Chief Economist | +64 9 348 9382 | +64 21 786 758 | [kelly.eckhold@westpac.co.nz](mailto:kelly.eckhold@westpac.co.nz)

**Satish Ranchhod**, Senior Economist | +64 9 336 5668 | +64 21 710 852 | [satish.ranchhod@westpac.co.nz](mailto:satish.ranchhod@westpac.co.nz)

**Darren Gibbs**, Senior Economist | +64 9 367 3368 | +64 21 794 292 | [darren.gibbs@westpac.co.nz](mailto:darren.gibbs@westpac.co.nz)

**Michael Gordon**, Senior Economist | +64 9 336 5670 | +64 21 749 506 | [michael.gordon@westpac.co.nz](mailto:michael.gordon@westpac.co.nz)

**Paul Clark**, Industry Economist | +64 9 336 5656 | +64 21 713 704 | [paul.clark@westpac.co.nz](mailto:paul.clark@westpac.co.nz)

**Imre Speizer**, Market Strategist | +64 9 336 9929 | +64 21 769 968 | [imre.speizer@westpac.co.nz](mailto:imre.speizer@westpac.co.nz)

Past performance is not a reliable indicator of future performance. The forecasts given in this document are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from these forecasts.

# DISCLAIMER

## Things you should know.

Westpac Institutional Bank is a division of Westpac Banking Corporation ABN 33 007 457 141 ("Westpac").

## Disclaimer.

This material contains general commentary, and market colour. The material does not constitute investment advice. Certain types of transactions, including those involving futures, options and high yield securities give rise to substantial risk and are not suitable for all investors. We recommend that you seek your own independent legal or financial advice before proceeding with any investment decision. This information has been prepared without taking account of your objectives, financial situation or needs. This material may contain material provided by third parties. While such material is published with the necessary permission none of Westpac or its related entities accepts any responsibility for the accuracy or completeness of any such material. Although we have made every effort to ensure the information is free from error, none of Westpac or its related entities warrants the accuracy, adequacy or completeness of the information, or otherwise endorses it in any way. Except where contrary to law, Westpac and its related entities intend by this notice to exclude liability for the information. The information is subject to change without notice and none of Westpac or its related entities is under any obligation to update the information or correct any inaccuracy which may become apparent at a later date. The information contained in this material does not constitute an offer, a solicitation of an offer, or an inducement to subscribe for, purchase or sell any financial instrument or to enter a legally binding contract. Past performance is not a reliable indicator of future performance. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from these forecasts.

## Country disclosures.

**Australia:** Westpac holds an Australian Financial Services Licence (No. 233714). This material is provided to you solely for your own use and in your capacity as a wholesale client of Westpac.

**New Zealand:** In New Zealand, Westpac Institutional Bank refers to the brand under which products and services are provided by either Westpac or Westpac New Zealand Limited ("WNZL"). Any product or service made available by WNZL does not represent an offer from Westpac or any of its subsidiaries (other than WNZL). Neither Westpac nor its other subsidiaries guarantee or otherwise support the performance of WNZL in respect of any such product. The current disclosure statements for the New Zealand branch of Westpac and WNZL can be obtained at the internet address [www.westpac.co.nz](http://www.westpac.co.nz).

**China, Hong Kong, Singapore and India:** This material has been prepared and issued for distribution in Singapore to institutional investors, accredited investors and expert investors (as defined in the applicable Singapore laws and regulations) only. Recipients in Singapore of this material should contact Westpac Singapore Branch in respect of any matters arising from, or in connection with, this material. Westpac Singapore Branch holds a wholesale banking licence and is subject to supervision by the Monetary Authority of Singapore. Westpac Hong Kong Branch holds a banking licence and is subject to supervision by the Hong Kong Monetary Authority. Westpac Hong Kong branch also holds a license issued by the Hong Kong Securities and Futures Commission (SFC) for Type 1 and Type 4 regulated activities. This material is intended only to "professional investors" as defined in the Securities and Futures Ordinance and any rules made under that Ordinance. Westpac Shanghai and Beijing Branches hold banking licenses and are subject to supervision by the China Banking and Insurance Regulatory Commission (CBIRC). Westpac Mumbai Branch holds a banking license from Reserve Bank of India (RBI) and subject to regulation and supervision by the RBI.

**UK:** The contents of this communication, which have been prepared by and are the sole responsibility of Westpac Banking Corporation London and Westpac Europe Limited. Westpac (a) has its principal place of business in the United Kingdom at Camomile Court, 23 Camomile Street, London EC3A 7LL, and is registered at Cardiff in the UK (as Branch No. BR00106), and (b) authorised and regulated by the Australian Prudential Regulation Authority in Australia. Westpac is authorised in the United Kingdom by the Prudential Regulation Authority. Westpac is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from us on request. Westpac Europe Limited is a company registered in England (number 05660023) and is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority.

This communication is being made only to and is directed at (a) persons who have professional experience in matters relating to investments who fall within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order") or (b) high net worth entities, and other persons to whom it may otherwise lawfully be communicated, falling within Article 49(2)(a) to (d) of the Order (all such persons together being referred to as "relevant persons"). Any person who is not a relevant person should not act or rely on this communication or any of its contents. The investments to which this communication relates are only available to and any invitation, offer or agreement to subscribe, purchase or otherwise acquire such investments will be engaged in only with, relevant persons. Any person who is not a relevant person should not act or rely upon this communication or any of its contents. In the same way, the information contained in this communication is intended for "eligible counterparties" and "professional clients" as defined by the rules of the Financial Conduct Authority and is not intended for "retail clients". With this in mind, Westpac expressly prohibits you from passing on the information in this communication to any third party. In particular this communication and, in each case, any copies thereof may not be taken, transmitted or distributed, directly or indirectly into any restricted jurisdiction. This communication is made in compliance with the Market Abuse Regulation (Regulation(EU) 596/2014).

### Investment recommendations disclosure.

The material may contain investment recommendations, including information recommending an investment strategy. Reasonable steps have been taken to ensure that the material is presented in a clear, accurate and objective manner. Investment Recommendations for Financial Instruments covered by MAR are made in compliance with Article 20 MAR. Westpac does not apply MAR Investment Recommendation requirements to Spot Foreign Exchange which is out of scope for MAR.

Unless otherwise indicated, there are no planned updates to this Investment Recommendation at the time of publication. Westpac has no obligation to update, modify or amend this Investment Recommendation or to notify the recipients of this Investment Recommendation should any information, including opinion, forecast or estimate set out in this Investment Recommendation change or subsequently become inaccurate.

Westpac will from time to time dispose of and acquire financial instruments of companies covered in this Investment Recommendation as principal and act as a market maker or liquidity provider in such financial instruments.

Westpac does not have any proprietary positions in equity shares of issuers that are the subject of an investment recommendation.

Westpac may have provided investment banking services to the issuer in the course of the past 12 months.

Westpac does not permit any issuer to see or comment on any investment recommendation prior to its completion and distribution.

Individuals who produce investment recommendations are not permitted to undertake any transactions in any financial instruments or derivatives in relation to the issuers covered by the investment recommendations they produce.

Westpac has implemented policies and procedures, which are designed to ensure conflicts of interests are managed consistently and appropriately, and to treat clients fairly.

The following arrangements have been adopted for the avoidance and prevention of conflicts in interests associated with the provision of investment recommendations.

- (i) Chinese Wall/Cell arrangements;
- (ii) physical separation of various Business/Support Units;
- (iii) and well defined wall/cell crossing procedures;
- (iv) a "need to know" policy;
- (v) documented and well defined procedures for dealing with conflicts of interest;
- (vi) steps by Compliance to ensure that the Chinese Wall/Cell arrangements remain effective and that such arrangements are adequately monitored.

**U.S:** Westpac operates in the United States of America as a federally licensed branch, regulated by the Office of the Comptroller of the Currency. Westpac is also registered with the US Commodity Futures Trading Commission ("CFTC") as a Swap Dealer, but is neither registered as, or affiliated with, a Futures Commission Merchant registered with the US CFTC. Westpac Capital Markets, LLC ("WCM"), a wholly-owned subsidiary of Westpac, is a broker-dealer registered under the U.S. Securities Exchange Act of 1934 ("the Exchange Act") and member of the Financial Industry Regulatory Authority ("FINRA"). This communication is provided for distribution to U.S. institutional investors in reliance on the exemption from registration provided by Rule 15a-6 under the Exchange Act and is not subject to all of the independence and disclosure standards applicable to debt research reports prepared for retail investors in the United States. WCM is the U.S. distributor of this communication and accepts responsibility for the contents of this communication. All disclaimers set out with respect to Westpac apply equally to WCM. If you would like to speak to someone regarding any security mentioned herein, please contact WCM on +1 212 389 1269. All disclaimers set out with respect to Westpac apply equally to WCM.

Investing in any non-U.S. securities or related financial instruments mentioned in this communication may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the SEC in the United States. Information on such non-U.S. securities or related financial instruments may be limited. Non-U.S. companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in effect in the United States. The value of any investment or income from any securities or related derivative instruments denominated in a currency other than U.S. dollars is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related derivative instruments.

The author of this communication is employed by Westpac and is not registered or qualified as a research analyst, representative, or associated person under the rules of FINRA, any other U.S. self-regulatory organisation, or the laws, rules or regulations of any State. Unless otherwise specifically stated, the views expressed herein are solely those of the author and may differ from the information, views or analysis expressed by Westpac and/or its affiliates.

