This is not personal advice nor financial advice about any product or service. It does not take into account your financial situation or goals. Please refer to the Important Notice.



Forecast updates

Recent ANZ NZ Forecast Updates can be found here.

- NZ Property Focus: nearing the bottom
- NZ Forecast Update: getting an
- NZ Forecast Update: milk price forecasts revised down

Our other recent publications are on page 2.

What's the view?

- GDP transitioning from acute supply constraints to a softening demand pulse.
- Labour market still tight, but expected to cool.
- Inflation way above target and looking sticky.
- OCR to 5.50% at May 24th decision, to contain inflation.

Our forecasts are on page 4.

Confused by acronyms or jargon? See a glossary here.

Key risks to our view



Global growth and financial market risks abound, as markets debate the rates outlook



The housing slowdown could become disorderly if unemployment rises sharply.



Negative supply shocks, including weather impacts, could see inflation hold up.



NZ's large external imbalances could see the market impose a more abrupt adjustment path.

What happened this week?

Wednesday's labour market data offered little to suggest that momentum turned meaningfully south in Q1. The unemployment rate gave away no secrets, being unchanged at 3.4%, but underlying that were strong details. Bumper employment growth of 0.8% q/q outpaced migration-driven growth in the working age population of 0.5% q/q, seeing the employment rate rise 0.2% pts to a fresh record high of 69.5% (and 80.4% for those aged 15-64, which is 3%pts higher than Australia, for comparison). However, in terms of the unemployment rate, this was offset by a lift in the labour force participation rate to a fresh record high of 72.0%. If participation had held at its previous level, the unemployment rate would have fallen to 3.1%.

The strength of employment thus in part reflects an improvement in labour supply, and there's likely an element of 'catch up' occurring, with previously unmet labour demand now being worked through. So, it would be a mistake to read the data as a sign that labour demand is gaining fresh momentum. Nonetheless, it's clear that labour demand remained strong in Q1.

Wage growth accelerated, although annual growth in the private sector Labour Cost Index at 4.5% came in lower than expected by either us (4.8%) or the RBNZ (4.7% y/y). This will be welcomed by the RBNZ, given the importance of wage inflation to the outlook for non-tradables inflation.

All up, we don't see the outturn as a game change for the RBNZ, as although the starting point for the labour market is broadly tighter than they expected in February, there are lots of moving parts on the supply side; this is very much a look in the rear-view mirror; and forward-looking indicators do signal waning labour market pressures over the rest of the year.

Figure 1. Unemployment, employment and participation rates



- Employment rate (% working-age population), LHS

Source: Stats NZ, Macrobond, ANZ Research

This week's RBNZ's Financial Stability Report was at pains to point out that while some very highly leveraged borrowers would be struggling with high interest rates, they were a small proportion of total. But the impact of higher rates has been clear on the construction outlook. Total dwelling consents lifted 7.0% in March, breaking a three-month run of large declines. But the data are volatile, and we're still expecting a substantial slowdown in construction activity over the rest of the year. Despite the monthly lift, dwelling consents were down 25% on a year ago. That's likely to see job losses in the construction sector in time.



Looking ahead



Recent Publications

ANZ produces a range of in-depth insights.

- NZ Insight: divergence across the Tasman, recession for NZ but not for Oz
- NZ Property Focus: nearing the bottom
- NZ Agri Focus: a further lift required
- NZ Property Focus: Not a straight line
- NZ Insight: Inflation rotation
- NZ Insight: second wind for the labour market?
- NZ Property Focus: rain check
- NZ Insight: inflationary risks from Gabrielle
- NZ Agri Focus: opportunities and challenges ahead
- NZ Agri Focus: a year of challenges
- NZ 2022 HYEFU: reprioritising
- NZ Insight: Risks to the OCR outlook
- NZ Insight: RBA/RBNZ policy divergence back in the spotlight
- NZ Property Focus: six reasons
- RBNZ Formulation and Implementation of Monetary Policy Review
- NZ Insight: our record breaking labour market
- NZ Insight: 2020 hindsight

Click here for more.



ANZ Proprietary data

Check out our latest releases below.

- ANZ Business Outlook
- ANZ-Roy Morgan Consumer Confidence
- ANZ Truckometer
- ANZ Commodity Price Index

Revising our labour market forecasts

This themes of this week's Q1 labour market statistics were in line with our expectation, and we've revised our forecasts only at the margins. While employment growth was stronger than we expected, we're attributing that to a combination of supply and demand factors. We've revised up employment growth in Q2 by 0.1ppt to 0.3% to reflect improvements in labour supply and that there is likely a little more unmet demand to be worked through.

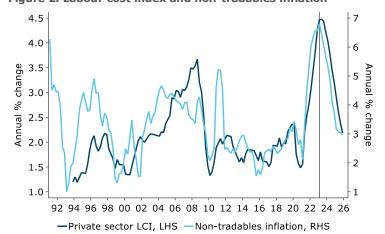
However, we continue to expect employment to fall in the second half of the year, in line with a contraction in economy activity and consistent with declining job ads and firms intending to reduce headcounts, according to our Business Outlook survey. Weaker demand as supply continues to improve is expected to cause the unemployment rate to rise from 3.4% currently to 5.4% by the end of 2024.

The unemployment rate could rise faster than expected if labour supply continues to surprise on the upside. All else equal, as long as the growth in labour supply outpaces the growth in demand, inflationary pressures emanating from the labour market can unwind without a large drop in employment being required. That said, migration brings demand pressures of its own and can boost inflation pressures – in the housing market in particular. There's no free lunch here; the RBNZ was explicit last month that it considers migration to be on net an upward risk to the medium-term inflation outlook.

As noted on page 1, wage growth came in 0.3%pts below our expectation. Accordingly, reflecting base effects, we're now forecasting that annual growth in the Labour Cost Index (LCI) will remain at its current level of 4.5% y/y, which is a peak that's 0.4%pt lower than our previous forecast.

Lower wage inflation does add some downside risk to our non-tradable inflation forecast, all else equal. But to put it in context, the LCI still remains at a record high, and we're still expecting non-tradables inflation to prove persistent across the second half of the year. As noted above, disinflationary wage impacts from stronger labour supply could be more than offset by the inflationary impacts of associated stronger demand.

Figure 2. Labour cost index and non-tradables inflation



Source: Stats NZ, Macrobond, ANZ Research

Decision time is looming for the RBNZ. Markets are worried about a potential 50-pointer after strong Q1 labour market data, and the RBA's surprise hike this week. But blasting through the previously announced expected OCR peak would be an aggressive move that just doesn't strike us as necessary when 'new news' has been mixed, and rates are there or thereabouts.



Financial markets update



Data calendar

What's coming up in the months ahead.

Date	Data/event
Tue 9 May	Electronic Card
(10:45am)	Transactions – Apr
Thu 11 May	Food Price Index -
(10:45am)	Apr
Thu 11 May	Rental Price Index -
(10:45am)	Apr
Fri 12 May	BusinessNZ Manuf
(10:30am)	PMI – Apr
Fri 12 May	Net Migration – Mar
(10:45am)	Net migration - mai
Fri 12 May	2Yr Inflation
(3:00pm)	Expectations – Q2
Mon 15 May	Performance
(10:30am)	Services Index – Apr
Wed 17 May	GlobalDairyTrade
(early am)	auction
Thu 18 May	NZ Budget 2023
(2:00pm)	
Fri 19 May	Merchandise Trade –
(10:45am)	Apr
Tue 23 May	ANZ Truckometer –
(10:00am)	Apr
Wed 24 May	Retail Sales - Q1
(10:45am)	
Wed 24 May	RBNZ MPS
(2:00pm)	
Fri 26 May	ANZ-RM Consumer
(10:00am)	
	Confidence – May
Tue 30 May	Building Permits –
Tue 30 May (10:45am)	Building Permits – Apr
Tue 30 May (10:45am) Wed 31 May	Building Permits – Apr ANZ Business
Tue 30 May (10:45am) Wed 31 May (1:00pm)	Building Permits – Apr ANZ Business Outlook – May
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm)	Building Permits – Apr ANZ Business Outlook – May
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun (10:45am)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of Manufacturing – Q1
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun (10:45am) Mon 12 Jun	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of Manufacturing – Q1 Electronic Card
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun (10:45am) Mon 12 Jun (10:45am)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of Manufacturing – Q1 Electronic Card Transactions – May
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun (10:45am) Mon 12 Jun (10:45am) Tue 13 Jun	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of Manufacturing – Q1 Electronic Card
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun (10:45am) Mon 12 Jun (10:45am) Tue 13 Jun (10:45am)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of Manufacturing – Q1 Electronic Card Transactions – May Net Migration – Apr
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun (10:45am) Mon 12 Jun (10:45am) Tue 13 Jun (10:45am) Wed 14 Jun	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of Manufacturing – Q1 Electronic Card Transactions – May Net Migration – Apr Food Price Index –
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun (10:45am) Mon 12 Jun (10:45am) Tue 13 Jun (10:45am) Wed 14 Jun (10:45am)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of Manufacturing – Q1 Electronic Card Transactions – May Net Migration – Apr Food Price Index – May
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun (10:45am) Mon 12 Jun (10:45am) Tue 13 Jun (10:45am) Wed 14 Jun (10:45am) Wed 14 Jun (10:45am)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of Manufacturing – Q1 Electronic Card Transactions – May Net Migration – Apr Food Price Index – May Rental Price Index –
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun (10:45am) Mon 12 Jun (10:45am) Tue 13 Jun (10:45am) Wed 14 Jun (10:45am) Wed 14 Jun (10:45am)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of Manufacturing – Q1 Electronic Card Transactions – May Net Migration – Apr Food Price Index – May Rental Price Index – May
Tue 30 May (10:45am) Wed 31 May (1:00pm) Wed 31 May (3:00pm) Fri 2 Jun (10:45am) Fri 2 Jun (10:45am) Tue 6 Jun (1:00pm) Wed 7 Jun (early am) Thu 8 Jun (10:45am) Mon 12 Jun (10:45am) Tue 13 Jun (10:45am) Wed 14 Jun (10:45am) Wed 14 Jun (10:45am)	Building Permits – Apr ANZ Business Outlook – May RBNZ Sectoral Lending – Apr Terms of Trade – Q1 Building Work Put in Place – Q1 ANZ Commodity Price Index – May GlobalDairyTrade auction Economic Survey of Manufacturing – Q1 Electronic Card Transactions – May Net Migration – Apr Food Price Index – May Rental Price Index –

Interest rate markets

Global bond yields fell further this week, with the yield on the bellwether US 10yr Treasury bond falling to around 3.3%, close to lows seen in March and April at the most acute period of US bank wobbles. The Fed hiked by 25bp and shifted to a neutral, data-dependent stance, as expected. Although chair Powell struck a hawkish tone at the post-meeting presser, with the policy rate now at the prior-signalled terminal rate, and US banking stocks wobbling, markets are firmly of the view that the Fed is likely done, and that is, in turn, capping bond yields. Markets expect no further Fed hikes; that may change if US payroll data tonight beats expectations, but bank wobbles have emboldened market calls for cuts (with 75% odds of a cut by July now priced in). Meanwhile, strong NZ Q1 labour market data have firmed up market expectations of an OCR hike later this month (at one point this week, markets were pricing in slim odds of a 50bp hike). This all speaks to a more inverted yield curve and a potential increase in rate volatility.

FX markets

The Kiwi has had a strong start to May, charging ahead as short end interest rates have risen and US markets have called time on Fed hikes. NZD/AUD has appreciated despite the surprise RBA hike, a stellar AU trade surplus, media talk of an AU Budget surplus, and much better AU growth prospects. We see this as the biggest disconnect in FX markets at the moment.

Key data summary

RBNZ sectoral lending data – March. Housing lending growth slowed to 3.5% y/y, down from 3.7% in February. We're expecting the housing market to bottom out shortly, and coupled with the easing of LVR restrictions, we might see the decline in annual growth arrested soon.

GlobalDairyTrade auction. The headline Global Dairy Trade Price Index gained 2.5%, led higher by a 5.0% gain in whole milk powder (WMP) prices.

RBNZ Financial Stability Report - May. "Financial system well positioned to support the economy."

Labour Market Statistics – Q1. The labour market remained extremely tight in Q1. The unemployment rate was unchanged at 3.4%, bisecting our 3.3% forecast and the RBNZ's February MPS forecast of 3.5%. See our Review.

Building Permits – March (Thursday 4 May, 10:45am). Total dwelling consents rose 7.0% m/m (s.a.). That likely reflects volatility; we're still expecting further weakness across the rest of the year.

ANZ Commodity Price Index – April. Fell 1.7% m/m in April (-1.4% m/m in NZD), as higher meat prices were offset by falls in dairy and log prices.

The week ahead

Electronic Card Transactions – April (Tuesday 9 May, 10:45am). Total spending lifted 3.1% m/m in March; April could struggle to match.

Food Prices – April (Thursday 11 May, 10:45am). We're expecting food prices lifted 0.5% m/m, taking annual food price inflation to 12.5%.

Rental Price Index – April (Thursday 11 May, 10:45am). We've pencilled in a 0.4% m/m lift (3.7% y/y).

Manufacturing PMI – April (Friday 12 May, 10:30am). Slipped back into contractionary territory in March (48.1), which is consistent with our outlook.

Net Migration – March (Friday 12 May, 10:45am). Continued strength in migration would present upside risk to our house price and activity forecasts.

RBNZ Inflation Expectations – Q2 (Friday 12 May, 3:00pm). Lower starting point and declining forecasts suggest near-term measures should fall.



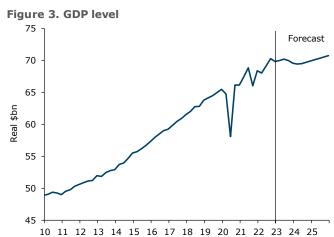
Key forecasts and rates

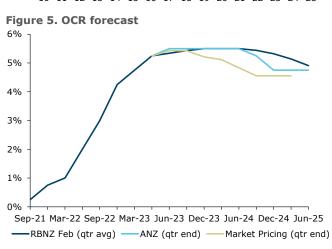
		Actual	Actual				Forecast (end month)			
FX rates	Mar-23	Apr-23	Today	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	
NZD/USD	0.626	0.618	0.628	0.630	0.640	0.650	0.650	0.650	0.650	
NZD/AUD	0.936	0.935	0.938	0.926	0.914	0.903	0.903	0.903	0.890	
NZD/EUR	0.577	0.561	0.570	0.573	0.571	0.570	0.560	0.551	0.542	
NZD/JPY	83.1	84.3	84.3	81.9	81.3	80.6	79.3	78.0	76.7	
NZD/GBP	0.507	0.492	0.500	0.508	0.512	0.516	0.508	0.504	0.500	
NZ\$ TWI	71.3	70.4	71.5	70.5	70.5	70.6	70.1	69.7	69.1	
Interest rates	Mar-23	Apr-23	Today	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	
NZ OCR	4.75	5.25	5.25	5.50	5.50	5.50	5.50	5.50	5.25	
NZ 90 day bill	5.23	5.56	5.60	5.60	5.60	5.60	5.60	5.43	4.93	
NZ 2-yr swap	5.03	5.05	5.06	5.25	4.75	4.34	4.25	4.15	4.10	
NZ 10-yr bond	4.20	4.09	4.08	4.15	3.75	3.50	3.50	3.75	4.00	

Economic forecasts

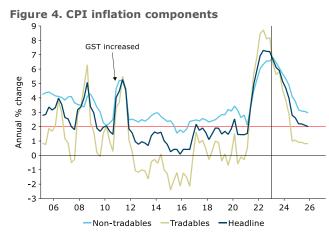
	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24
GDP (% qoq)	-0.6	0.2	0.3	-0.3	-0.6	-0.2	0.1	0.3	0.3
GDP (% yoy)	2.2	2.9	1.6	-0.4	-0.4	-0.8	-1.0	-0.4	0.5
CPI (% qoq)	1.4	1.2	1.1	2.0	0.7	0.8	0.5	0.8	0.5
CPI (% yoy	7.2	6.7	6.1	5.9	5.2	4.7	4.0	2.8	2.6
Employment (% qoq)	0.5	0.8	0.3	-0.4	-0.4	-0.4	-0.1	0.1	0.2
Employment (% yoy)	1.6	2.5	2.8	1.2	0.3	-0.9	-1.3	-0.8	-0.2
Unemployment Rate (% sa)	3.4	3.4	3.5	4.0	4.4	5.0	5.2	5.3	5.4

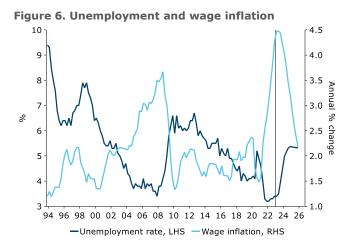
Figures in bold are forecasts. mom: Month-on-Month; qoq: Quarter-on-Quarter; yoy: Year-on-Year. Click here for full ANZ forecasts





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







Contact us

Meet the team

We welcome your questions and feedback. Click here for more information about our team.



Sharon Zollner Chief Economist Follow Sharon on Twitter @sharon zollner

Telephone: +64 9 357 4094 Email: sharon.zollner@anz.com General enquiries: research@anz.com

Follow ANZ Research (global)



David Croy Senior Strategist

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

Telephone: +64 4 576 1022 Email: david.croy@anz.com



Susan Kilsby Agricultural Economist

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

Telephone: +64 21 633 469 Email: susan.kilsby@anz.com



Miles Workman Senior Economist

Macroeconomic forecast coordinator, fiscal policy, economic risk assessment and credit developments.

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



Henry Russell Economist

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

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



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 21 253 6808 Email: natalie.denne@anz.com

Important notice

Last updated: 18 April 2023

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

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

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

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

This document is solely for informational purposes and nothing contained within 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, ANZ Group does not represent or warrant the accuracy or completeness of the information, except with respect to information concerning ANZ Group. 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.

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. Past performance is not necessarily an indicator of future performance. Any products and services described in this document may not be suitable for all investors, and transacting in these products or services may be considered risky.

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

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

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

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

Brazil. This document is distributed on a cross border basis and only following request by the recipient. No securities are being offered or sold in Brazil under this document, and no securities have been and will not be registered with the Securities Commission - CVM. **Brunei, Japan, Kuwait, Malaysia, Switzerland, Taiwan.** This document is distributed in each of these jurisdictions by ANZ on a cross-border basis.

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

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

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

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).

Important notice

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.