

RBNZ Monetary Policy Statement & OCR Call Change

23 November 2022



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.



Contact

Sharon Zollner or David Croy for more details.

Confused by acronyms or jargon?
See a glossary [here](#).

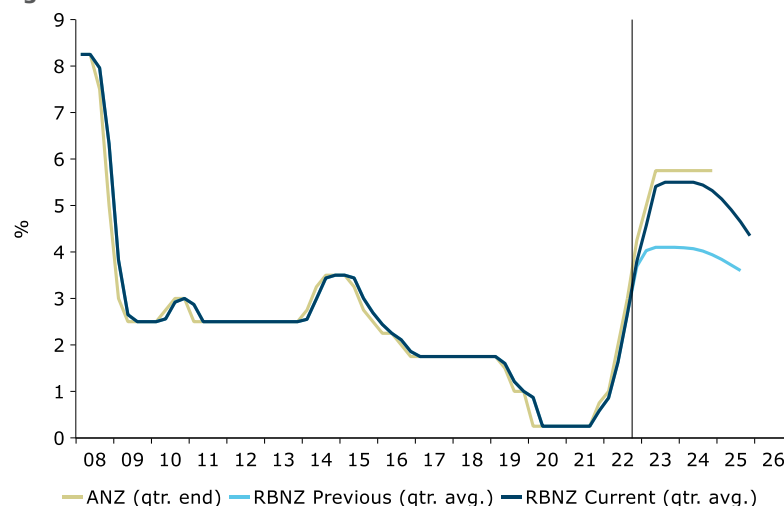
RBNZ: hope is not a strategy

- As was widely expected, the RBNZ lifted the Official Cash Rate (OCR) 75bp to 4.25% today with the release of its Monetary Policy Statement (MPS).
- The tone of the Statement was even more hawkish than we expected. **We have revised up our forecast OCR track, adding to our existing 75bp hike in February a 50bp hike in April and a 25bp hike in May, which would take the OCR to a peak of 5.75%.**
- The RBNZ noted that they “gave consideration to an increase in the OCR of 75 or 100 basis points.”
- The RBNZ’s updated OCR forecast reaches a peak of 5.5% by end-2023, a huge upgrade versus the August MPS forecast of a peak of 4.1%. Cuts are pencilled in for the second half of 2024 (endpoint: 4.35% at end-2025).
- The 140bp upward revision to the forecast OCR peak is massive, but so too have been the upside surprises to inflation, inflation expectations, and the wage outlook in recent months. The RBNZ estimates that the short term nominal neutral interest rate is 3.6%, reflecting high inflation expectations.
- The RBNZ is now forecasting a recession, with GDP to fall 1% peak to trough, with four consecutive quarters of negative growth – that appears to be what they now believe is unfortunately necessary to bring inflation down from what’s looking like regrettably sustained highs.

In brief

As expected by most analysts, the RBNZ today raised the Official Cash Rate (OCR) by 75bps to 4.25%. The big surprise was in the forecast track, which now sees the OCR reaching a hefty 5.5% by end-2023 (a remarkable 140bp higher than in the August MPS), before declining back to 4.35% by end-2025.

Figure 1. OCR forecast



Source: RBNZ, Macrobond, ANZ Research

The overall tone of the Policy Assessment was extremely hawkish. Although downside risks to growth exist and were acknowledged (particularly around global growth), it's all about getting inflation down as quickly as possible: "Members highlighted that the longer actual inflation remains above the target band, the more likely it is that higher inflation expectations become embedded".

But more important than the words is the OCR track, which, with a peak of 5.5%, sent a very clear message to the market – and mortgage holders: "Brace for impact."

The RBNZ has done some thinking on the neutral interest rate. While they note that their estimates of the long-run nominal neutral interest rate remains stable at around 2% (albeit drifting up slowly), if they feed through shorter-term measures of inflation expectations into their models, it produces an estimate of neutral of 3.6%. And if they feed inflation expectations at the two- to five-year horizon into their model, it spits out something closer to 3%. In essence, given the rise in inflation expectations that we've seen over the past year, the nominal OCR that is currently considered to be disinflationary has increased significantly above their longer-run estimate of 2%. That's a big driver of the lift in the OCR track.

The RBNZ is making policy in a haze of uncertainty, and continues to be commendably open about that unavoidable fact. In such an environment, it makes sense to look at the costs of being wrong in either direction – and these simply aren't comparable.

If the data turns seriously south in the next three months the market will adjust, effectively easing policy, and the RBNZ can corroborate this at February's Monetary Policy Statement, with little harm done.

But if upward surprises on inflation keep on coming – and they certainly have form – then the RBNZ would have regretted not going harder as they will be quite rightly worried that their inflation-targeting credibility is seriously on the line. Getting inflation down becomes much more difficult when households and firms just don't believe it's going to happen and start building that into their decision making.

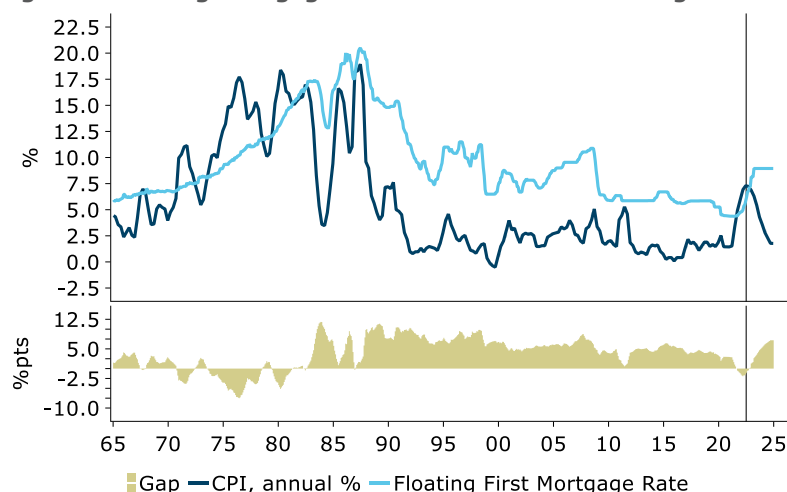
Hope is not a strategy. The RBNZ Monetary Policy Committee gets that, and deserves a pat on the back for facing the challenges head-on. If the facts change, they'll change their minds. But right now, the fact is that high inflation is looking increasingly entrenched, and dithering would only make the problem worse.

Our updated OCR forecast

The tone and forecasts in the MPS confirm that the RBNZ's gloves are off. We had already been talking about upside risk to our 5% forecast peak (made at the time of the upward CPI surprise) based on subsequent data. Now, with confirmation the RBNZ is seeing the risks the same way we do, we are now comfortable centralising that upside risk into our forecast. We now expect not only another 75bp hike in February as before, but now also a 50bp hike in April and a 25bp hike in May, taking the OCR to a peak of 5.75%. We see a bit more wage inflation than the RBNZ does, and think it will take longer for the unemployment rate to start rising meaningfully. But it's a big upgrade, and although revisions to everyone's OCR forecasts have been one-sided for a long time, we see the risks around a 5.75% peak as balanced.

As with every one of our previous forecast OCR peaks, the ability of the RBNZ to stop hiking the OCR at 5.75% depends on inflation falling soon. This inflation problem is unlikely to be beaten until retail interest rates have spent a decent amount of time sitting considerably higher than CPI inflation. That's our forecast, but we're not there yet (figure 1).

Figure 2. Floating mortgage rate and CPI inflation: a long-run view



Source: Stats NZ, RBNZ, Macrobond, ANZ Research

RBNZ forecasts in brief

The RBNZ's CPI inflation forecast returns to the 2% target midpoint only in Q3 2025, (six months later than before, and with a much higher OCR required to achieve it). The forecasts for both non-tradable inflation and wages were revised up significantly, as expected. By the end of the year, non-tradable inflation is expected to accelerate to 7% y/y, peaking at 7.4% in Q1 2023 (previous peak 6.2%; ANZ forecast 6.6%), and QES average hourly earnings peak at 9.1% in Q4 2022 y/y (previous peak: 8.3%; ANZ: 9.3%). Note "The Committee noted that public sector wage growth has lagged that in the private sector and agreed this lag represents an upside risk to wage pressure going forward."

A recession is forecast from the second half of 2023, with no recovery in economic momentum until the latter half of 2025. We wouldn't call this a 'deep' downturn by any means, and as we noted in our recent Quarterly Economic Outlook, if a mild recession is the cost of transitioning the economy to a sustainable path, then it's probably a cost worth paying. The document includes a box on this, noting that this isn't your 'typical' recession caused by a global shock, it's a policy-induced recession required to get the economy back on an even keel. The unemployment rate is forecast to steadily lift to a peak of 5.7% in 2025 (5.0% previously)

See the graphical appendix on [page 8](#) for more detail.

Market implications

Markets went into today's decision pricing in favour of a 75bp hike, and they got it. What they were unprepared for was the magnitude of the upgrade to the RBNZ's OCR track, which now peaks at 5.5%. That's not just a big step up from August's 4.1% peak; it is also way higher than markets were banking on going into the decision. Indeed, we put market expectations of where the OCR would peak at around 5.17% before the decision. The RBNZ's track is a technical projection, and it's not supposed to signal that policy is on a pre-set path, but if we try to back-solve what is implied at each decision by the track, it points to another 75bp hike in February, followed by 25bp hikes in April and May.

In terms of swap rates, the mechanical implication of the new, higher OCR track is that they need to go higher, and they have. But even from here, we see scope for further upside given the RBNZ's clearly resolute tone. We think the 2yr swap rate has scope to drift up to above 5½%, especially as we now see the OCR peaking at 5¾% next year.

FX markets responded well to the news, with the Kiwi spiking almost half a cent before retreating. We think this decision will ultimately be NZD supportive on the grounds that the RBNZ's track points to the OCR coming to rest above where markets expect the US Fed Funds rate to peak (markets are pricing in a 5.08% peak). Getting on top of inflation should also be positive for the NZD in that it should reduce the need for markets to price in an inflation discount to the real exchange rate. However, this decision will stoke recession fears, and that may weigh on the Kiwi.

Policy Assessment – Higher interest rates necessary

The Monetary Policy Committee today increased the Official Cash Rate (OCR) from 3.5 percent to 4.25 percent.

The Committee agreed that the OCR needs to reach a higher level, and sooner than previously indicated, to ensure inflation returns to within its target range over the medium term. Core consumer price inflation is too high, employment is beyond its maximum sustainable level, and near-term inflation expectations have risen.

Global consumer price inflation is broad based and remains heightened. Food and energy prices, and persistent core inflation, have combined to create very high headline inflation in many countries. Central banks are tightening monetary conditions in an effort to slow spending and reduce inflation pressure. The ongoing slowdown in global growth will affect New Zealand through both financial and trade channels, and impact on people's confidence due to uncertainty.

In New Zealand, household spending remains resilient, especially considering the rise in debt servicing costs, the fall in house prices, and low levels of consumer confidence. Employment levels are high, and income growth and household savings are supporting spending. The rebound in tourism is also supporting domestic demand.

The productive capacity of the economy is being constrained by broad-based labour shortages, and wage pressures are evident. Aggregate demand continues to outstrip New Zealand's capacity to supply goods and services, with a range of indicators continuing to signify broad-based inflation pressure.

Committee members agreed that monetary conditions needed to continue to tighten further, so as to be confident there is sufficient restraint on spending to bring inflation back within its 1-3 percent per annum target range. The Committee remains resolute in achieving the Monetary Policy Remit.

Summary Record of meeting

The Monetary Policy Committee discussed developments affecting the outlook for inflation and employment in New Zealand. Inflation is currently too high and employment is beyond its maximum sustainable level. The Committee agreed it must continue to act decisively to return inflation to target and to fulfil its Remit.

The Committee discussed recent international economic developments. In many countries, elevated food and energy prices are contributing to high headline inflation, with high core inflation reflecting more broad based inflationary pressures. Most central banks have continued to tighten

monetary conditions and to signal further interest rate increases in coming months. Financial market volatility remains high as central banks act to stem the rise in inflation in an environment of slowing and uncertain economic growth.

Expectations for global economic growth have declined further. For example, China's economy is facing headwinds emanating from the property sector, while measures to contain the spread of COVID-19 continue to cause production bottlenecks. The United States and Europe are, to varying degrees, experiencing the effects of high inflation, tighter financial conditions and associated economic uncertainty. The Committee agreed that the anticipated global growth slowdown will affect New Zealand through trade and financial channels, and increased economic uncertainty impacting on people's confidence.

The Committee observed that consumer price inflation in New Zealand in the September quarter was significantly stronger than expected. Measures of core inflation continued to rise and price pressures broadened. Survey measures and other high frequency data suggest that pricing pressure will be sustained over coming months. In addition, shorter term inflation expectations have increased as high inflation persists.

The Committee agreed that to achieve its Remit objectives, actual and expected inflation need to decline substantially. Members highlighted that the longer actual inflation remains above the target band, the more likely it is that higher inflation expectations become embedded.

The Committee discussed the labour market at length, given its importance in the current economic environment. Labour shortages remain a significant constraint on economic activity. Recent data highlight a material increase in employment, enabled by a strong lift in labour force participation to a record level. Measures of labour force utilisation are near record levels and firms continue to report severe difficulties finding labour.

High consumer price index (CPI) inflation and competition for workers are putting upward pressure on wages. The Committee observed that overall wage growth is not exceeding CPI inflation after accounting for productivity growth. While wage growth for people in the same job is generally not keeping pace with inflation, many people are changing jobs or increasing their hours worked to achieve real income growth. The Committee noted that public sector wage growth has lagged that in the private sector and agreed this lag represents an upside risk to wage pressure going forward.

The Committee observed the stronger than expected rebound in tourism since New Zealand's border reopened. Short-term visitor arrivals, international card spending data, and information gathered from recent business visits indicate that tourism spending will make a strong contribution to economic activity in coming months. However, some members noted that ongoing capacity constraints could, at some point, inhibit the tourism recovery and add to overall inflation pressures. In relation to New Zealand's goods exports, members observed that a lower New Zealand dollar is currently mitigating the impact of recent declines in international commodity prices.

The Committee discussed the recent Financial Stability Report and noted that the financial system remains resilient. In particular, members highlighted that recent stress tests demonstrate banks' resilience. The Committee was especially interested in the resilience of household balance sheets to scenarios of higher interest rates, reduced labour demand, and declining house prices. The Committee noted that while national house price indices have declined to mid-2021 levels, they are still above estimates of sustainable house prices and above levels that prevailed pre-COVID-19.

Household spending remains robust, especially considering the rise in debt servicing costs, the fall in house prices, and low levels of consumer confidence. Members observed that the large stock of household savings, in addition to income growth, may provide a buffer to support consumption now and in the future. However, members also noted that the ownership of savings is likely concentrated, leaving the majority of households exposed to high inflation and interest rates.

The Committee agreed that as debt servicing costs rise, spending decisions for many households will be increasingly constrained. These constraints would be most felt by recent home buyers with a high debt servicing commitment relative to their income. The Committee agreed that the impact of rising interest rates on households' spending and saving decisions is an important channel for monetary policy. In addition to constraining spending, higher interest rates also encourage saving and paying down of debt.

The Committee discussed domestic financial conditions, noting that wholesale interest rates have risen significantly since the August Statement, primarily due to higher-than-expected inflation in New Zealand and globally. Retail lending rates have also increased but remain lower than the levels wholesale rates might imply. Members observed that this reflects a combination of both the higher volume and the mix of current bank funding. Members noted that a gradual normalisation in bank funding conditions over the forecast period could result in sustained upward pressure on retail lending rates.

The Committee considered the economic projections. Members noted that a reduction in aggregate demand is projected to cause GDP in the New Zealand economy to temporarily contract by around 1% from 2023. Members noted that this reduction in aggregate demand was necessary to return inflation to target over the forecast period. Members agreed that the exact timing and extent of negative GDP growth was difficult to predict, but historical evidence suggests risks are skewed toward a likely short period of contraction. Members also agreed that the sooner supply and demand were better matched in the economy, the lower the overall cost of reducing inflation.

Members agreed that monetary policy primarily impacts on demand in the economy. However, any increase in the supply potential of the economy, such as through productivity improvements, would also assist in reducing inflation. However, members agreed that a significant increase in the economy's capacity to supply goods and services could not be relied on to reduce inflation pressures over the forecast horizon.

The Committee agreed that fiscal policy can also act to reduce demand in the economy. Members observed that in a higher inflation environment, a given level of government services would cost more to deliver. However, members noted that inflation would also lead to increased government revenues in nominal terms, potentially offsetting the rising cost of service delivery. On balance, members viewed the risks to inflation pressure from fiscal policies as skewed to the upside given the ongoing real demand for services.

The Committee received an update on the status of the Large Scale Asset Purchase (LSAP) portfolio and noted that sales of bonds in the LSAP portfolio to New Zealand Debt Management began in July. Members observed that the New Zealand government bond market continues to function normally under the current pace of LSAP sales and agreed to continue to evaluate this on an ongoing basis. The Committee agreed that the level of settlement cash balances is not a source of unexpected inflationary pressure and noted that overnight wholesale interest rates remain aligned to the OCR.

The Committee discussed the extent of additional monetary tightening required to achieve its Remit. Members agreed that the OCR needed to reach a level where the Committee could be confident it would reduce actual inflation to within the target range over the forecast horizon. Members agreed that this level had increased since the time of the August Statement due to the persistence of inflationary pressures resulting in a higher short-term nominal neutral interest rate.

The Committee discussed the size of the OCR increase to be delivered at this meeting. Increases of 50, 75 and 100 basis points were considered. The Committee discussed the relative merits of maintaining consistent increments in the OCR versus moving more quickly to reach the higher level of the OCR required. Members agreed that a larger increase in the OCR was appropriate, given the resilience of domestic spending, and the higher and more persistent actual and expected inflation outcomes.

The Committee gave consideration to an increase in the OCR of 75 or 100 basis points. On the balance of risks, the Committee agreed that a 75 basis point increase was appropriate at this meeting. Members highlighted that the cumulative tightening of monetary conditions delivered to date continues to pass through to the economy via the lagged transmission to effective retail interest rates.

On Wednesday 23 November, the Committee reached a consensus to increase the OCR from 3.5% to 4.25%.

Attendees:

Reserve Bank staff: Adrian Orr, Karen Silk, Christian Hawkesby, Paul Conway

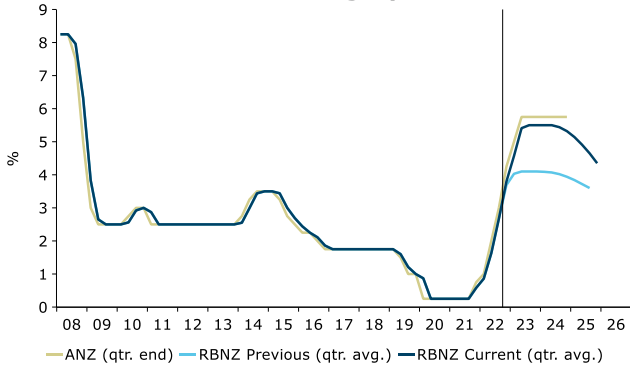
External: Bob Buckle, Peter Harris, Caroline Saunders

Treasury Observer: Dominick Stephens

Secretary: David Craigie

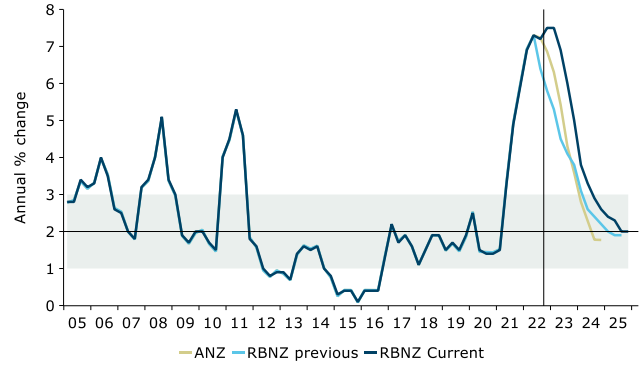
Key forecasts: More inflation less activity

The RBNZ are now forecasting a peak OCR of 5.5%...



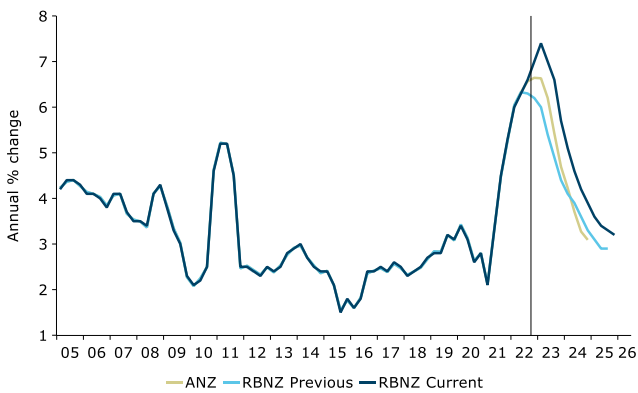
Source: RBNZ, Macrobond, ANZ Research

...and more inflation...

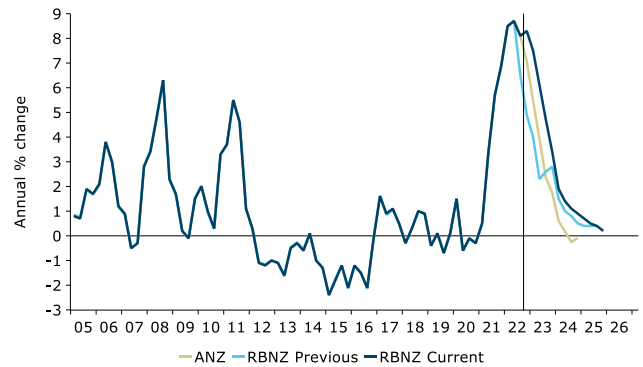


Source: RBNZ, Stats NZ, Macrobond, ANZ Research

...with a lot more non-tradable inflation...

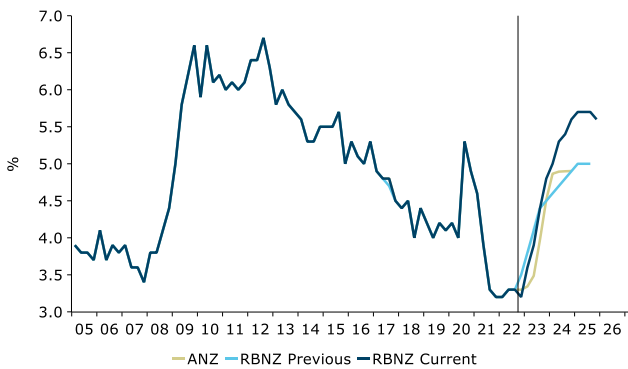


...and a touch more tradables



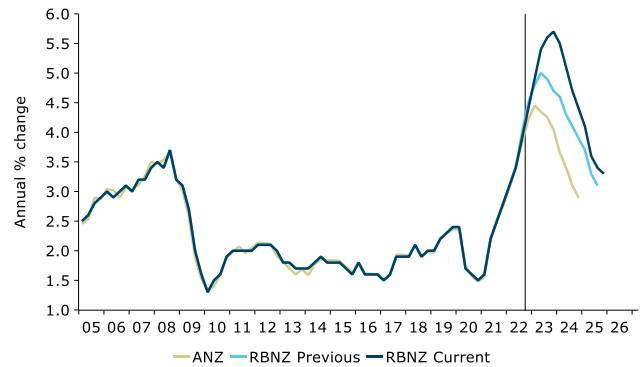
Source: RBNZ, Stats NZ, Macrobond, ANZ Research

The unemployment rate peaks at 5.7%...



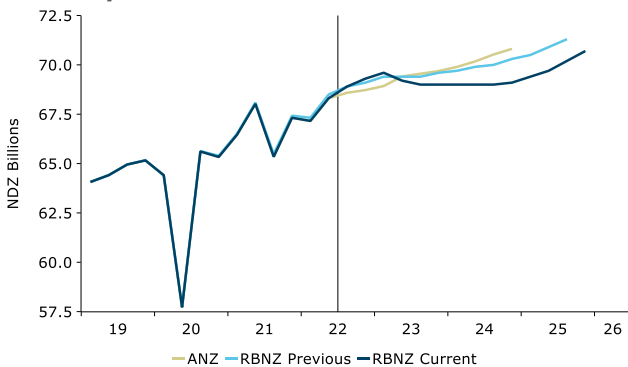
Source: RBNZ, Stats NZ, Macrobond, ANZ Research

...but LCI wage growth is higher throughout the forecast



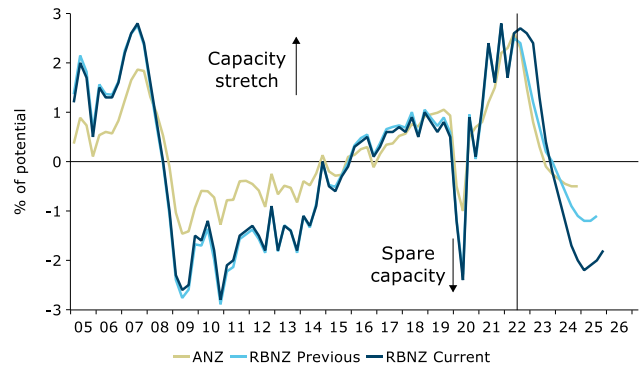
Source: RBNZ, Stats NZ, Macrobond, ANZ Research

The outlook for real GDP has been downgraded materially...



Source: RBNZ, Stats NZ, Macrobond, ANZ Research

...which will help open up spare capacity (output gap)



Source: 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
@ANZ_Research (global)



David Croy
Senior Strategist

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

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



Susan Kilsby
Agricultural Economist

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

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



Miles Workman
Senior Economist

Macroeconomic forecast co-ordinator, fiscal policy, economic risk assessment and credit developments.

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



Finn Robinson
Economist

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

Telephone: +64 21 629 553
Email: finn.robinson@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: 1 September 2022

This document (which may be in the form of text, image, video or audio) is intended for ANZ's Institutional, Markets and Private Banking clients. It should not be forwarded, copied or distributed. The opinions and research contained in this document are (a) not personal advice nor financial advice about any product or service; (b) provided for information only; and (c) intended to be general in nature and does 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 and distributed in your country/region by either: Australia and New Zealand Banking Group Limited (ABN11 005 357 522) (**ANZ**); or its relevant subsidiary or branch (each, an **Affiliate**), as appropriate or as set out below.

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 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 would be subject to additional licensing or registration requirements. Further, the products and services mentioned in this document may not be available in all countries.

ANZ in no way provides any 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 does not represent or warrant the accuracy or completeness of the information. Further, ANZ 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 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. The 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 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 and its Affiliates may have an interest in the subject matter of this document. They may receive fees from customers for dealing in the 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 the 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's policies on conflicts of interest and ANZ maintains appropriate information barriers to control the flow of information between businesses within it and its Affiliates.

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

Country/region specific information: Unless stated otherwise, this document is distributed by Australia and New Zealand Banking Group Limited (**ANZ**).

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.

Brunel, 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 Banking Group Limited 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 material is for information purposes only and is not financial advice about any product or service. We recommend seeking financial 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. 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 Cap. 289 of Singapore). ANZ is licensed in Singapore under the Banking Act Cap. 19 of Singapore and is exempted from holding a financial adviser's licence under Section 23(1)(a) of the Financial Advisers Act Cap. 100 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**). 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.

This document has been prepared by ANZ Bank New Zealand Limited, Level 26, 23-29 Albert Street, Auckland 1010, New Zealand, Ph 64-9-357 4094, e-mail nzeconomics@anz.com, <http://www.anz.co.nz>