Review of the RBNZ Monetary Policy Review

5 April 2023



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.



Confused by acronyms or jargon? See a glossary here.

Take that

- The RBNZ today raised the OCR by 50bp to 5.25% today, defying market and analyst expectations for a smaller 25bp hike.
- We continue to expect a 25bp hike at the May Monetary Policy Statement, and accordingly have revised up our forecast peak for the OCR to 5.50%. We've also pencilled in three cuts for late 2024.
- The RBNZ has revised up its estimate of the inflationary impact of the cyclone rebuild. It also discussed upside risks to the fiscal outlook. And thirdly, the RBNZ clearly does not want to see any fall in lending rates, and judged a 50bp hike as the best way to prevent that happening.
- The RBNZ and the RBA (who paused yesterday) continue to choose startlingly different paths in the face of very similar inflation numbers.

In brief

The RBNZ today raised the Official Cash Rate (OCR) by 50bp to 5.25%, defying market and analyst consensus of a 25bp hike.

Key quotes:

- **OCR outlook:** "The Committee agreed that a further increase in the OCR is needed at this meeting to ensure core inflation and inflation expectations begin to fall... a 50 basis point increase in the OCR was seen as helping to maintain the current lending rates faced by businesses and households, while also supporting an increase in retail deposit rates"
- Global outlook: "Global growth is expected to be below average, contributing to lower demand for New Zealand's key commodity exports."
- **Labour market:** "remains strong, with employment continuing to expand. Job advertisements have fallen, but remain at high levels. Net inward migration is rising rapidly."
- **Domestic activity:** "There are early signs that growth in the domestic economy is beginning to slow."
- Inflation pressures: "Near-term inflationary pressures have increased, boosted by short-term price pressures resulting from recent severe weather events and reflected in business survey indicators of costs and pricing intentions."
- **Fiscal policy:** "Members viewed the risks to inflation pressure from fiscal policy as skewed to the upside, particularly given the ongoing demand for government services in an environment of rising costs of provision. The economic impact of the Government response to recent severe weather events will depend on the scale of damage, fiscal reprioritisation decisions, timing of activity and how Government spending is funded."
- **Cyclone impacts**: "Over the medium-term, the inflationary impacts of these events are likely to be somewhat larger than assumed at the time of the February Statement as more information has come to light about the scale of rebuild activity."

Our take

Today's decision to raise the OCR by 50bp to 5.25% was a surprise for both analysts and the market. But as we noted in our Preview, a hawkish surprise was likelier than a dovish one.

We have updated our OCR forecast: we still expect a 25bp hike at the May MPS, but this now takes the OCR to a peak of 5.5%. We then expect a long period on hold, and have pencilled in three cuts in late 2024 taking the OCR back down to 4.75%. Obviously that's a hat-tip rather than a firm expectation.

The reason the RBNZ decided to hike 50bp rather than 25bp can be put down to the following economic factors:

- An upward revision to estimates of the inflationary impact of the cyclone rebuild.
- A perceived risk that a 25bp hike may not be sufficient to prevent retail lending rates falling.
- An upward skew to the risks around fiscal policy.

To that, one can probably add the strategic factor that a surprisingly large hike is politically easier before the Budget than after it. The fading of global financial wobbles no doubt also played into the decision. It's far from clear that dramas on that front are over, but "while the going's good" may have also been a factor in deciding to get a larger hike under the belt.

In the near term, we see the risks as balanced around our expectation that the OCR will be raised another 25bp in May. The economy is clearly slowing, and it may be happening faster than anticipated, particularly residential construction. But on the other hand, the Budget could be significant, and the Auckland housing market is showing signs of life that from the RBNZ's point of view will be highly unwelcome.

Further out, the main downside risk to our OCR forecast is the global situation: financial turmoil, and even if that comes to naught, downside risks to global growth and New Zealand's terms of trade. Dairy prices fell 5% overnight, unexpectedly. That matters. But there are upside risks too, on both the global front (as epitomised by OPEC unexpectedly cutting oil production this week) and domestically (wage outcomes, the housing market and potentially sticky inflation expectations).

There's inevitably a degree of guesswork in judging how much is enough, given the lags with which monetary policy affects the economy, but the RBNZ can reasonably hope they are getting close. If things go the RBNZ's way over the next six weeks, this could even be the top. But the fact is, inflation is above 7% and looking comfortable there. Falling inflation remains a forecast, not a fact. And given no forecasters have covered themselves in glory with their CPI forecasts in recent years, recent market certainty that we're close to 'job done' looks overdone.

Market reaction

Markets went into today's meeting expecting a 25bp hike, as did 20 of 22 analysts surveyed by Bloomberg. Interest rates were thus forced to reprice upward on the announcement, with the bellwether 2 year swap rate lifting over 20bps on the announcement. It was interesting that the RBNZ noted that lower wholesale interest rates played a role in their decision to hike by 50bps, rather than 25bps. That and the overall hawkish tone of the policy assessment is likely to keep upward pressure on short-term rates until the

dataflow inevitably retakes the reins. The clear message here is, if wholesale rates are too low, and the RBNZ sees that as threatening their inflation mandate, they're happy to counter that with hikes.

Official Cash Rate increased to 5.25 percent

The Monetary Policy Committee today increased the Official Cash Rate (OCR) by 50 basis points, from 4.75 percent to 5.25 percent.

The Committee agreed the OCR needs to increase, as previously indicated, to return inflation to the 1-3 percent target range over the medium term. Inflation is still too high and persistent, and employment is beyond its maximum sustainable level.

The level of economic activity over the December quarter was lower than anticipated in our February Monetary Policy Statement and there are emerging signs of capacity pressures in the economy easing. However, demand continues to significantly outpace the economy's supply capacity, thereby maintaining pressure on annual inflation.

The recent severe weather events in the North Island have led to higher prices for some goods and services. This higher near-term CPI inflation increases the risk that inflation expectations persist above our target range.

Over the medium term, the Committee anticipates economic activity to be supported by rebuilding efforts in the aftermath of the weather events. The demand on resources is expected to add to inflation pressure by more than assumed in the February Monetary Policy Statement.

Global growth is expected to be below average, contributing to lower demand for New Zealand's key commodity exports. Continued growth in New Zealand's service exports, in particular tourism, is assumed to provide some offset to this drop in export revenue.

New Zealand's economic growth is expected to slow through 2023, given the slowing global economy, reduced residential building activity, and the ongoing effects of the monetary policy tightening to date. This slowdown in spending growth is necessary to return inflation to target over the mediumterm.

The Committee agreed that the OCR needs to be at a level that will reduce inflation and inflation expectations to within the target range over the medium term. The Committee agreed that maintaining the current level of lending rates for households and businesses is necessary to achieve this, along with a rise in deposit rates. New Zealand's financial system is well positioned to manage through a period of slower economic activity.

Monetary Policy Committee Record of Meeting – April 2023

The Monetary Policy Committee discussed developments affecting the outlook for inflation and employment in New Zealand. On balance, recent data, including a fall in GDP in the December 2022 quarter, suggest the level of economic activity is lower than assumed in the February Statement. Committee members observed that inflation is nevertheless still too high and persistent, and employment is beyond its maximum sustainable level. The Committee agreed it must continue to increase the Official Cash Rate (OCR) to return inflation to the 1-3 percent target and to fulfil its Remit.

The Committee discussed recent developments in international financial markets and their implications for New Zealand. Recent banking stress in the United States and Europe has resulted in lower wholesale interest rates and an increase in credit spreads. This reflects, to some degree, the potential for tighter global credit conditions and a weaker outlook for global demand.

New Zealand's financial system (including banks, other deposit takers and insurers) is well placed to keep supporting New Zealanders through a time of global financial market volatility and a slowdown in domestic economic activity. New Zealand's banks are well capitalised, profitable, and have strong liquidity positions, with plenty of cash on hand. They also have comparatively little exposure to interest rate risk on their balance sheets, and hedge or insure against such risks. New Zealand banks are also required to hold capital against this risk to the extent it exists, and are not as susceptible to a concentrated run on deposits, unlike in the US where some banks had very large deposits held by just a few savers.

The Committee's assessment is that there is no material conflict between lowering inflation and maintaining financial stability in New Zealand. In particular, credit conditions have not tightened substantially and while increasing, arrears on mortgages and other debts remain at low levels. In addition, the Reserve Bank has other policy tools available to address financial stability risks which can be used if needed, including providing liquidity to banks and supporting market functioning. Further to this, tightening monetary policy now to reduce inflation improves the outlook for financial stability by limiting the need for even higher interest rates in future.

The Committee discussed the global economic outlook. In many countries, headline inflation has steadied or begun to decline. However, core inflation remains high, reflecting significant broad-based capacity constraints. Global growth is expected to be below average through 2023. Weakening global growth is contributing to weaker demand for New Zealand's key commodity exports, such as dairy and meat. Continued growth in New Zealand's service exports, in particular tourism, is assumed to provide some offset to this drop in export revenue.

Committee members discussed the effects of recent severe weather events. Daily spending data show that these events resulted in a short-lived drop in household spending in affected areas, with a relatively quick bounce back to pre-event levels. At the same time, these events have resulted in an increase in some prices. Over the medium-term, the inflationary impacts of these events are likely to be somewhat larger than assumed at the time of the February Statement as more information has come to light about the scale of rebuild activity. The Committee considered the medium-term impact that these events will have on inflation and maximum sustainable employment when setting policy.

Housing market developments and domestic financial conditions were considered. It was noted that annual household credit growth has slowed significantly in recent months. It was noted that this is consistent with declining house prices and the transmission of past monetary tightening. The Committee noted current monetary policy settings would continue to put downward pressure on house prices, consistent with prices returning to more sustainable levels.

The Committee discussed recent domestic economic developments. There are early signs that growth in the domestic economy is beginning to slow. The economy contracted over the fourth quarter of 2022. Higher frequency indicators point to modest yet positive growth over the first quarter of 2023. Overall, the Committee's assessment is that the economy is starting from a slightly weaker position than assumed in the February Statement. However, demand continues to outpace supply, and this continues to be reflected in persistently high domestic inflation. In addition, near-term inflationary pressures have increased, boosted by short-term price pressures resulting from recent severe weather events and reflected in business survey indicators of costs and pricing intentions.

The Committee discussed the New Zealand labour market noting that it remains strong, with employment continuing to expand. Job advertisements have fallen, but remain at high levels. Net inward migration is rising rapidly from low levels last year, and will likely help fill worker shortages, subject to sufficiently matching current skill shortages.

The Committee considered updated economic projections. Economic growth in New Zealand is anticipated to slow through 2023. This reflects the impact of slowing global growth, the weaker housing market, and the effects of monetary tightening to date. Increased private and public sector activity associated with rebuilding following recent extreme weather events will provide a boost to activity and inflation, as will rising long-term net migration. The current projection assumes Government consumption and investment will fall as a share of the economy in coming years. However, members viewed the risks to inflation pressure from fiscal policy as skewed to the upside, particularly given the ongoing demand for government services in an environment of rising costs of provision. The economic impact of the Government response to recent severe weather events will depend on the scale of damage, fiscal reprioritisation decisions, timing of activity and how Government spending is funded.

Members agreed that the sooner supply and demand were better matched in the economy, the lower the overall cost of reducing inflation. The Committee discussed the extent of additional monetary tightening required to achieve its Remit. Members noted the rapid pace and extent of tightening to date implies monetary policy is now contractionary. The Committee agreed that the full impact of this monetary tightening is yet to be fully realised. Committee members agreed that the OCR needed to reach a level where the Committee could be confident it would reduce actual inflation to within the 1-3 percent target range over the forecast horizon.

The Committee agreed that a further increase in the OCR is needed at this meeting to ensure core inflation and inflation expectations begin to fall. The Committee discussed 25 and 50 basis point increases at this meeting. In aggregate, economic projections were little changed relative to the February Statement. The Committee was comfortable that current lending rates faced by businesses and households will help ensure core inflation and inflation expectations begin to moderate. However, wholesale interest rates have fallen significantly since the February Statement, and this could put downward pressure on lending rates. As a result, a 50 basis point increase in the OCR was seen as helping to maintain the current lending rates faced by businesses and households, while also supporting an increase in retail deposit rates.

Looking ahead, the Committee is expecting to see a continued slowing in domestic demand and a moderation in core inflation and inflation expectations. The extent of this moderation will determine the direction of future monetary policy.

On Wednesday 5 April, the Committee reached a consensus to increase the OCR by 50 basis points from 4.75% to 5.25%.

Attendees:

Reserve Bank members of MPC: Adrian Orr, Christian Hawkesby, Karen Silk, and Paul Conway.

External MPC members: Bob Buckle, Peter Harris and Caroline Saunders.

Treasury Observer: Tim Ng. MPC Secretary: Adam Richardson.



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 27 664 3554 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



Kyle UerataEconomic 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 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. **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 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

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

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:

regulations. If and when the material accompanying this document relates to the products and/or services of ANZ China, the following

- lodged or registered with, or reviewed or approved by, the Oatar Central Bank (OCB), the Oatar Financial Centre (OFC) 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