

# Review of the RBNZ Monetary Policy Review

12 July 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.



## Contact

Sharon Zollner for more details.

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

## Nothing to see here

- The RBNZ left the OCR unchanged at 5.5%, as universally expected.
- Also as expected, there was a good deal of copy-paste from the July Monetary Policy Statement. One new factor was an implicit acknowledgement that the RBNZ's house price forecasts are too pessimistic. The RBNZ also suggested house prices may have reached "sustainable" levels.
- We continue to expect a 25bp hike at the November Monetary Policy Statement, but this is not today's story. For now, inflation indicators continue to fall obediently, and the RBNZ's pause is highly credible.

## In brief

As universally anticipated, the RBNZ today left the Official Cash Rate (OCR) unchanged at 5.5%, and confirmed it remains comfortably on hold while it waits to see the impacts of the rapid tightening thus far.

## Key quotes:

- **OCR outlook:** "The Committee agreed that the OCR will need to remain at a restrictive level for the foreseeable future."
- **Labour market:** "While employment is above its maximum sustainable level, there are signs of labour market pressures dissipating and vacancies declining."
- **Domestic activity:** "businesses are reporting slower demand for their goods and services, and weak investment intentions."
- **Capacity:** "The return of net inward migration continues broadly as anticipated, and is assisting to ease labour shortages. The net impact of immigration on overall capacity pressures remains uncertain."
- **Inflation pressures:** "inflation is expected to continue to decline from its peak, and with it measures of inflation expectations. Core inflation is expected to decline as capacity constraints ease."
- **Fiscal policy:** "Broader government spending is anticipated to decline in inflation-adjusted terms and in proportion to GDP."
- **Housing market:** "house prices have returned to more sustainable levels." "The Committee judged that after recent falls, house prices are now around sustainable levels." "The outlook for the housing market has become more balanced."
- **Global outlook:** "Global economic growth remains weak and inflation pressures are easing."

In a hat tip to the firmer tone of housing data in recent months, the Committee noted "that the outlook for the housing market has become more balanced", in acknowledgement that the RBNZ's forecast for house prices to continue to decline across the rest of the year now looks too pessimistic. The Committee also noted that "after recent falls, house prices are now around sustainable levels." With real house prices adjusted for income growth back around 2019 levels, that statement seems a little inconsistent with the debate that was raging back then. But what 'sustainable' means is a bit vague, providing some wriggle room.

---

## Our take

Today's decision to leave the OCR unchanged at 5.5% was an easy one, as rate decisions go. As we noted in our [Preview](#), the data since the May MPS has had its unders and overs but overall clearly supports the RBNZ's on-hold stance – and in any case, it would take a lot to move the dial when the pause is only six weeks old!

Our OCR forecast remains unchanged: we've been clear we don't expect the RBNZ or the market to come around to our view that more is needed until much later in the year. Indeed, we are likely to see a lower CPI print next week than the RBNZ forecast in its May MPS. We are forecasting a mild recession, but don't think the economy (and the labour market in particular) is rolling over quite as rapidly as the RBNZ expects; hence our placeholder 25bp hike in November. We'd characterise 5.5% as the RBNZ's first pass at what's needed, not necessarily the final word. This forecasting business is too uncertain for anyone to be sure of that.

There's certainly a lot of water to flow under the bridge before the end of the year. While on balance we see the risks as tilted to the OCR still needing to go a little higher, there are risks that could see the RBNZ cutting rates by year end, absolutely. After all, New Zealand's economic cycles tend in practice to be brought to an abrupt end by global developments, not gently brought into land by domestic monetary policy. Will China manage to stabilise the consumption outlook? Will US inflation allow the Fed to stop hiking before something breaks? Fingers crossed.

And domestically, fiscal stimulus and migration could well prove either more or less inflationary than anticipated. COVID or energy prices could upset the apple cart. The housing market and/or labour market could throw curveballs. For now, sitting pat, confident the OCR is at a contractionary level and bringing inflation pressures down, is a sensible strategy. Back to data-watching, everyone.

## Market reaction

The RBNZ remains in "watch, worry and wait" mode, and are a lot more credible and comfortable in that stance than some global peers. The RBNZ's goal today would have been to avoid unnecessary volatility, as there was no pressing need for them to say anything at all. And on that front, it was pretty much "mission accomplished": swap rates are down just 4-8bps across the curve on the day at the time of writing. The NZD is slightly higher after a small dip. Next stop, Q2 CPI next week! We'll finalise our pick after the food and rent data tomorrow, but at this stage it's looking likely to print below the RBNZ's May MPS pick of 6.1% y/y.

## Official Cash Rate remains on hold

The Monetary Policy Committee today agreed to leave the Official Cash Rate (OCR) at 5.50%.

The level of interest rates are constraining spending and inflation pressure as anticipated and required. The Committee agreed that the OCR will need to remain at a restrictive level for the foreseeable future, to ensure that consumer price inflation returns to the 1 to 3% annual target range, while supporting maximum sustainable employment.

Global economic growth remains weak and inflation pressures are easing. This follows a period of significant monetary policy tightening by central banks internationally. Global inflation rates continue to decline, assisted by the normalisation of international supply chains, and the decline in shipping

---

costs and energy prices. The weaker global growth has led to lower export prices for New Zealand's goods.

In New Zealand, inflation is expected to continue to decline from its peak, and with it measures of inflation expectations. Core inflation is expected to decline as capacity constraints ease. While employment is above its maximum sustainable level, there are signs of labour market pressures dissipating and vacancies declining.

Consumer spending growth has eased and residential construction activity has declined, while house prices have returned to more sustainable levels. More generally, businesses are reporting slower demand for their goods and services, and weak investment intentions.

The return of net inward migration continues broadly as anticipated, and is assisting to ease labour shortages. The net impact of immigration on overall capacity pressures remains uncertain. The ongoing recovery in tourism spending is supporting demand.

The repair and rebuild underway in regions of the North Island due to severe weather events will support economic activity in the near term. Broader government spending is anticipated to decline in inflation-adjusted terms and in proportion to GDP.

The Committee is confident that with interest rates remaining at a restrictive level for some time, consumer price inflation will return to within its target range of 1 to 3% per annum, while supporting maximum sustainable employment.

### Record of meeting July 2023

The Monetary Policy Committee discussed recent developments in the New Zealand economy. The Committee agreed that monetary conditions are restricting spending and reducing inflationary pressure as anticipated. However, inflation remains too high. Spending needs to remain subdued to better match the economy's ability to supply goods and services, so that consumer price inflation returns to its target range of 1 to 3%. Supply capacity constraints in the economy continue to ease.

Global economic growth remains below trend for most of our trading partners, partly as a result of significant monetary policy tightening by central banks internationally. Global growth is expected to weaken further. Economic growth is moderating more rapidly in China, with recent data suggesting a slowing in economic momentum.

Headline inflation has continued to fall in most countries, assisted by lower energy prices and a normalisation of international supply chains and shipping costs. However globally, core inflation remains high. This has prompted some central banks to further increase interest rates recently. In discussing recent central bank policy moves, the Committee noted that monetary policy in New Zealand reached a more restrictive level earlier than in many other economies.

The Committee discussed domestic economic developments. Recent data suggest that tight monetary conditions are constraining domestic spending as expected. Residential building activity has started to ease and falling consent numbers suggest it will continue to slow. Economic activity contracted slightly in the March 2023 quarter. Recent indicators suggest that growth is likely to remain weak in the near term, despite some support from repair and rebuild work underway in regions of the North Island due to severe weather events. Broader government spending is anticipated to decline in inflation-adjusted terms and in proportion to GDP.

---

Labour shortages have started to ease, partly in response to the recent arrival of more migrants. Firms report that it is becoming easier to find labour and economy-wide vacancy rates have fallen.

The Committee judged that after recent falls, house prices are now around sustainable levels. House prices have stabilised in recent months and the Committee noted that the outlook for the housing market has become more balanced. Higher net migration is supporting demand for housing but higher interest rates continue to exert downward pressure on housing demand.

The Committee agreed that there is no trade-off between meeting the Committee's inflation and employment objectives and maintaining the stability of the financial system. Debt levels are high in some parts of the economy, and pockets of stress are emerging. However, early indicators point to only a moderate increase in stressed lending over the coming months and non-performing loans remain at very low levels.

In discussing their Remit objectives, the Committee noted inflation is still expected to decline within the target band by the second half of 2024. The Committee discussed risks to the persistence of domestic inflation pressures and imported inflation and judged that the risks around the inflation projection were broadly balanced. Employment remains above its maximum sustainable level, however recent indicators suggest that labour market conditions are easing.

The Committee noted that monetary conditions have continued to tighten with mortgage rates increasing further in recent months in response to higher wholesale rates. The Committee noted that bank term deposit rates had increased recently, broadening the transmission of tighter monetary policy. The lagged effects of previous monetary tightening is still passing through to households as more households move off lower fixed rates. Average mortgage rates on outstanding loans have increased from about 3% in early 2022 to about 5% currently. Based on current commercial bank pricing, average mortgage rates are expected to reach around 6% in early 2024.

The Monetary Policy Committee discussed the appropriate stance of monetary policy. The Committee agreed that interest rates will need to remain at a restrictive level for the foreseeable future, to ensure consumer price inflation returns to the 1 to 3% target range while supporting maximum sustainable employment.

On Wednesday 12 July the Committee reached consensus to leave the Official Cash Rate unchanged at 5.5%.

**Attendees:**

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

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

Treasury Observer: Tim Ng

MPC Secretary: Chris Bloor



## 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](mailto:sharon.zollner@anz.com)

General enquiries:  
[research@anz.com](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](http://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.